yo-876-15560

1986

GEOCHEMICAL, GEOPHYSICAL AND DIAMOND DRILLING REPORT

10/87

On the BULL, CLIMAX,, POST, WAY Claims

Liard Mining Division, BC; NTS 104-O-16W

Lat. 59° ~~50~~ 55.8' N; Long. 130° ~~58~~ 20.3' W

JANUARY, 1987. (BC'86 ASSESSMENT REP.)

Owner(s): Regional Resources Ltd.
Western Canadian Mining (WCM) Ltd.

Operator: Regional Resources Ltd.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

FILMED

1 9 8 6

G E O C H E M I C A L, G E O P H Y S I C A L

A N D

D I A M O N D D R I L L I N G R E P O R T

on the

BULL 1,5,7, CLIMAX 1,3,8,11,12,13,15Fr,16Fr, POST 15, WAY 13 CLAIMS

Liard Mining Division, British Columbia
N.T.S. 104-O-16
Latitude 59°56'N; Longitude 130°15'W

OWNER/OPERATOR: REGIONAL RESOURCES LTD.

By

James J. Hylands, P.Eng.

CORDILLERAN ENGINEERING
1980-1055 W.Hastings Street
Vancouver, B.C. V6E 2E9

JANUARY, 1987

WORK PERIOD: June 1, 1986 - October 19, 1986

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CHAPTER 1

I N T R O D U C T I O N

1.1 LOCATION AND ACCESS

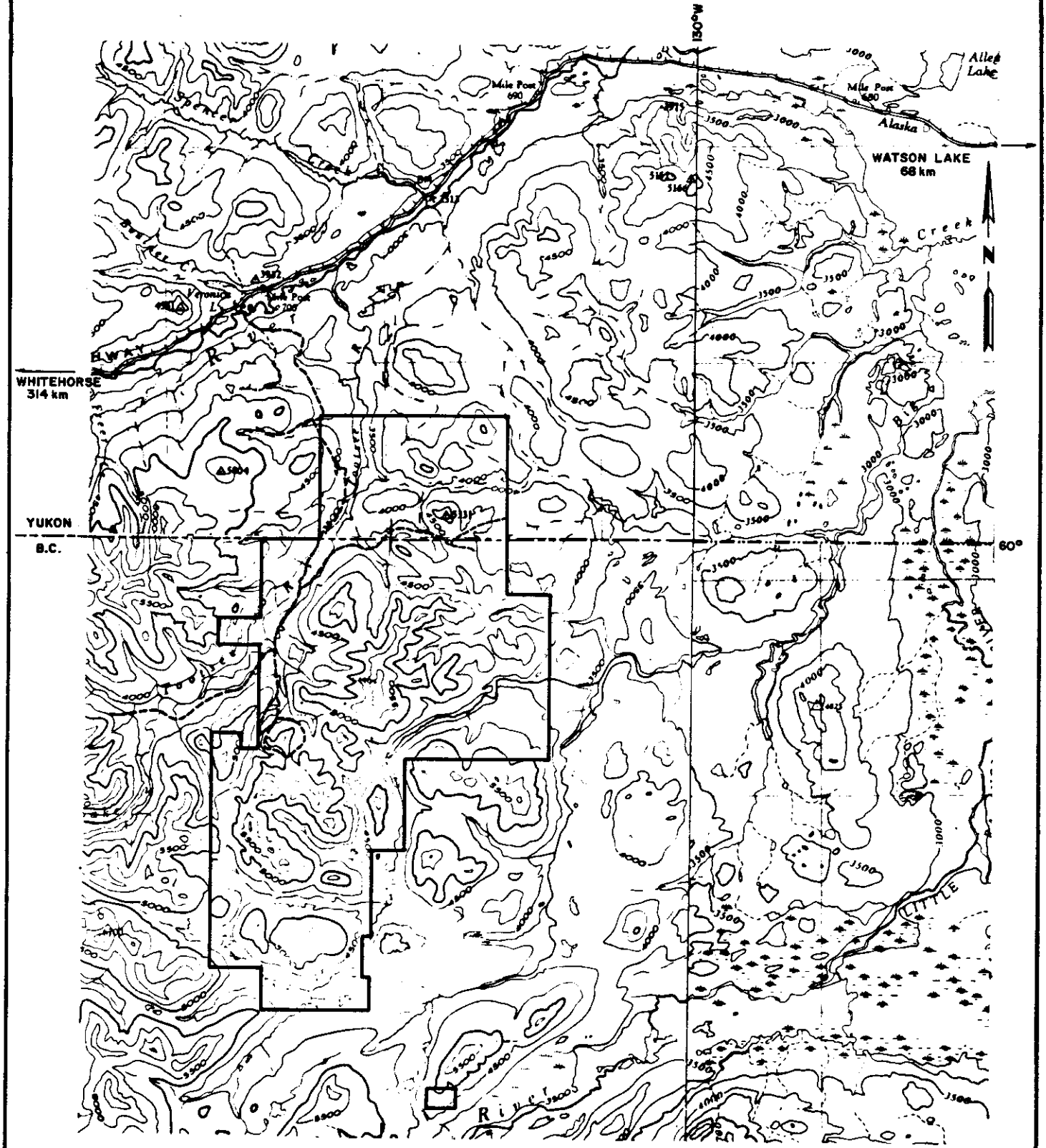
The B.C. portion of the Midway property consists of the Way, Bull, Climax, Post, Beth, Star, Toots and Renee mineral claims (total 967 units) located 85 km west of Watson Lake, Y.T. (Figure 1). Access to the property is provided by 25 km of gravel road which connects with the Alaska Highway at Kilometer post 1128.

1.2 CLAIM STATUS

The status of the B.C. claims comprising the Midway property, as of October 21, 1986, is given in Table 1. The relative locations of the claims are shown in Plate 1.

1.3 HISTORY

The history and geology of the Midway property were reviewed by Cordilleran Engineering in 1981, 1982, 1983 and 1984. During this period Cordilleran Engineering actively explored the property on behalf of Regional Resources Ltd. One hundred and three surface holes totalling 28,767 metres were diamond drilled, 153 kilometres of baseline was cut, 61 kilomtres of Pulse EM surveys and 38 kilometres of gravity surveys were performed, and 9850 soil samples were collected and analyzed. Anomalous areas were prospected, and the property was geologically mapped. Twenty-six kilometres of main access road was reconstructed, and two steel beam bridges erected over major rivers.



REGIONAL RESOURCES LTD.

MIDWAY PROPERTY

LOCATION MAP

LIARD MINING DIVISION, B.C. NTS 104 O/16

1:250 000

= 5000 0 5,000 10,000 15,000 m

BY

CORDILLERAN ENGINEERING

FIGURE 1

Table 1 MIDWAY PROPERTY - BRITISH COLUMBIA CLAIMS (@ JAN 31/86)
93 Claims (967 Units), Liard Mining Division; NTS 104/0-16; Reg.Owner:Reg.Res.

CLAIM	UNITS	REC.#	EXPIRY DATE
WAY 1	20	1684	20 OCT 1987
WAY 2	20	1685	" 1987
WAY 3	20	1686	" 1996
WAY 4	20	1687	" 1987
WAY 5	20	1688	" 1993
WAY 6	20	1726	26 NOV 1994
WAY 7	20	1727	" 1996
WAY 8	20	1728	" 1996
WAY 9	15	1729	" 1994
WAY 10	20	1730	" 1993
WAY 11	20	1731	" 1994
A WAY 12	15	1732	" 1996
WAY 13	20	1733	" 1987
WAY 14	20	1734	" 1989
WAY 15	20	1735	" 1987
WAY 16	20	1736	" 1994
WAY 17	20	1737	" 1993
WAY 18	15	1738	" 1993
WAY 19	20	1739	" 1994
WAY 20	20	1740	" 1994
WAY 21	20	1741	" 1993
WAY 22	10	1742	" 1993
WAY 23	18	1743	" 1996
WAY 24FR	1	2763	14 JUN 1996
WAY 25FR	1	2764	" 1996
WAY 26FR	1	2765	" 1994
WAY 27FR	1	2766	" 1996
WAY 29FR	1	2768	" 1994
WAY 30FR	1	2769	" 1996
WAY 31FR	1	2770	" 1996
WAY 32FR	1	2771	" 1996
WAY 33FR	1	2772	" 1996
WAY 34FR	1	2773	" 1996
WAY 35FR	1	2774	" 1996
	444		
A BULL 1	12	1705	12 NOV 1996
A BULL 2	20	1706	" 1996
A BULL 4FR	1	1725	26 NOV 1996
A BULL 5	12	1959	21 JUL 1996
A BULL 7	18	2415	24 AUG 1996
A BULL 8	15	2665	18 JAN 1994
A BULL 10	2	2667	" 1995
A BULL 11FR	1	2668	" 1995
A BULL 12FR	1	2669	" 1994
A BULL 15FR	1	2776	14 JUN 1996
A BULL 16	2	2777	" 1995
A BULL 17	2	2778	" 1995
A BULL 18	2	2779	" 1995
A BULL 19	2	2780	" 1995
A BULL 20	2	2781	14 JUN 1995
A BULL 21	2	2782	" 1996
A BULL 22	2	2783	" 1995
A BULL 23	2	2784	" 1995
A BULL 24FR	1	2785	" 1995
A BULL 25FR	1	2786	" 1996
A BULL 26FR	1	2787	" 1995
A BULL 27FR	1	2934	19 SEP 1995
A BULL 28FR	1	3677	14 OCT 1996
	104		
A CLIMAX 1	8	1716	26 NOV 1996
A CLIMAX 2	20	1709	12 NOV 1996
CLIMAX 3	20	1710	" 1995
CLIMAX 4	20	1717	26 NOV 1995
CLIMAX 5	20	1718	" 1995
CLIMAX 6	15	1719	" 1996
CLIMAX 7	15	1720	" 1993
CLIMAX 8	15	1721	" 1995
CLIMAX 9	15	1722	" 1995
CLIMAX 10	20	1723	" 1995
A CLIMAX 11	6	1724	" 1996
A CLIMAX 12	12	2411	24 AUG 1996
CLIMAX 13	1	2591	20 OCT 1994
A CLIMAX 14FR	1	2592	" 1995
CLIMAX 15FR	1	2989	17 OCT 1993
CLIMAX 16FR	1	2990	" 1993
	190		
POST 1	4	1708	12 NOV 1994
POST 2	9	2275	20 APR 1995
POST 3	20	2276	" 1995
POST 4FR	1	2799	20 JUN 1995
POST 5FR	1	2800	" 1995
POST 9	20	2282	20 APR 1989
POST 11	10	2412	24 AUG 1993
POST 12	15	2413	" 1995
POST 13	18	2414	" 1994
POST 14	2	2593	20 OCT 1995
POST 15	20	2933	19 SEP 1994
POST 16	2	2946	3 OCT 1995
	122		
B BETH 1	12	1516	8 AUG 1996
B BETH 2	20	1517	" 1995
B BETH 3	20	1518	" 1995
B BETH 4	18	1519	" 1996
B STAR 2FR	1	2775	14 JUN 1996
B STAR 3	4	2829	6 JUL 1996
B RENEE 1	12	1132	11 NOV 1996
B TOOTS 4	20	848	6 JUL 1996
	107		

A: Claims in Area A; B: Claims in Area B.
BETH, STAR, RENEE & TOOTS Registered Owner: Brinco Mining Limited.
NOTE: All '86 Certificates of Work received (accepted as applied).

Near the end of the 1984 surface drilling program in the Silver Creek area, after a mineralized zone approximately 250 metres by 250 metres had been defined, it was decided to start an underground exploraiton program. Underground access was required to determine mining methods and potential problems, to allow close-spaced diamond drilling of the mineral zone, and to permit in-situ examination of mineralization and alteration.

During September and early October, 1984, the infra-structure required trailer complex, dry, shop, power house, settling pond, storage and waste areas, sewer, water and communication systems - was installed. The first round was taken on October 11, 1984; by October 20, 1984, the portal was faced, air, water and ventilation systems in place, and the decline begun. Excavation continued until May 12, 1985, with a month's break for the Christmas holiday. A total of 1440 metres of ramps and drifts were driven during this period.

From these openings 170 core holes were drilled, predominantly on north-south sections 20 metres apart, to determine the shape, grade and continuity of the mineralization. A geological mineral inventory of 968,400 tonnes grading 532.7 gm/t Ag, 10.1% Pb, 12.0% Zn and 0.89 gm/t Au was inferred from the results.

1.4 1986 PROGRAM

Between June 1 and October 19, 1986 a number of areas on the Midway property which were geologically similar to the Silver Creek area (shale overlying carbonate) were explored by prospecting, soil sampling, geophysical surveying and diamond and reverse circulation drilling. 72.7 kilometres of line were cut, 2368 soil samples collected, 153.1 line kilometres of magnetometer and 50.7 line kilometres of surface Pulse EM surveys conducted, and 971 metres of reverse circulation drilling and 1762 metres of diamond core drilling completed.

CHAPTER 2

G E O L O G Y

2.1 REGIONAL GEOLOGY

The Midway property area is located within the Cassiar Platform terrain of the Northern Cordillera. Location and relationships with the major geological units of the region are shown in Figure 2.

The Cassiar Platform is an autochthonous miogeosynclinal wedge of relatively shallow-marine carbonate and clastic sediments, ?Proterozoic to Early Mississippian in age. The sedimentary wedge probably plunged to the southwest towards deeper-water depositional environments. During Mid Jurassic to Early Cretaceous times, a complex of oceanic sediments, volcanics and igneous ultramafics (the "Upper Sylvester Allochton", Gordey et al., 1982a) was thrust, probably from the southwest, and emplaced over the platform, which was later intruded by Mid- to Late-Cretaceous quartz monzonite ("Cassiar Batholith").

The Cassiar Platform is bounded to the east by the Rockie Mountain Trench, filled with basinal clastic facies. The trench is marked by a major dextral strike-slip fault along which the Cassiar Platform may have moved over a distance of at least 450 km during Mesozoic and Cenozoic times (Templeman-Kluit and Blusson, 1977). The Midway property area is underlain by Lower and Middle Paleozoic sediments intruded on the west by the Cassiar Batholith. The sedimentary succession has been assigned to the Kechika, Sandpile, McDame and Sylvester Groups (Gabrielse, 1969).

The Cambrian to Lower Silurian Kechika Group consists of siltstone, phyllite and limestone, altered to hornfels and skarns hear the Batholith contact. The Silurian to Middle Devonian Sandpile and McDame Groups consist of quartzite, dolostone and limestone. These Lower Paleozoic sediments were deposited in shallow water and on tidal flats of the Cassiar Platform. The Upper Devonian to Mississippian Lower Sylvester Group consists of a thick section of argillite, sandstone, and

local conglomerate beds. These clastic rocks were deposited by turbidity currents in an offshore basin or trough, which probably developed by subsidence of fault-bounded blocks, possibly associated with a rifting center. The Mississippian to ?Permain Upper Sylvester Group consists of phyllite, chert, local calcarenite beds, volcanic flows and tuffs and ultramafics. This unit is part of the allochthon which was thrust over the Cassiar Platform (Gordey et al., 1982a).

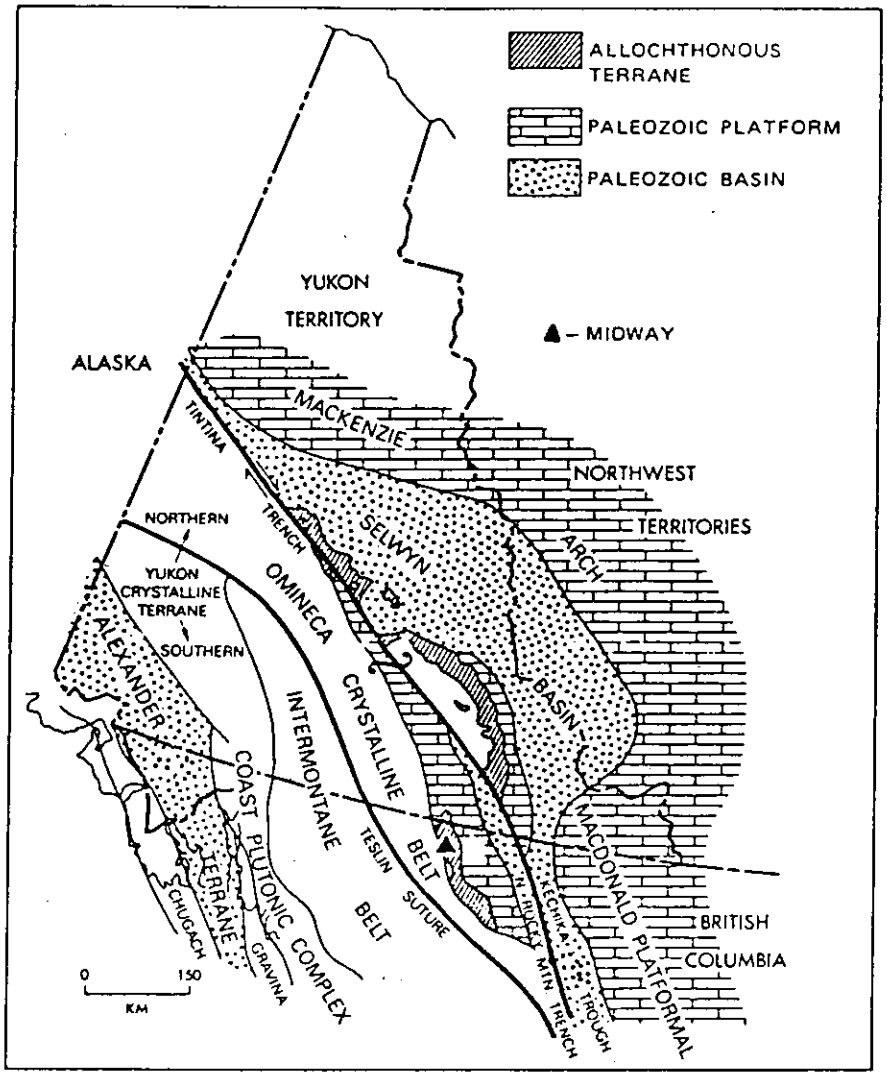


Figure 3 Regional geological setting of the Midway property (Modified after MacIntyre, 1983).

2.2 PROPERTY AND DEPOSIT GEOLOGY

The geology of the Midway property in general and of the deposits area in particular was presented in Cordilleran Engineering, 1984. The stratigraphy as it is presently known, through mapping and diamond drilling, is shown on Figure 3.

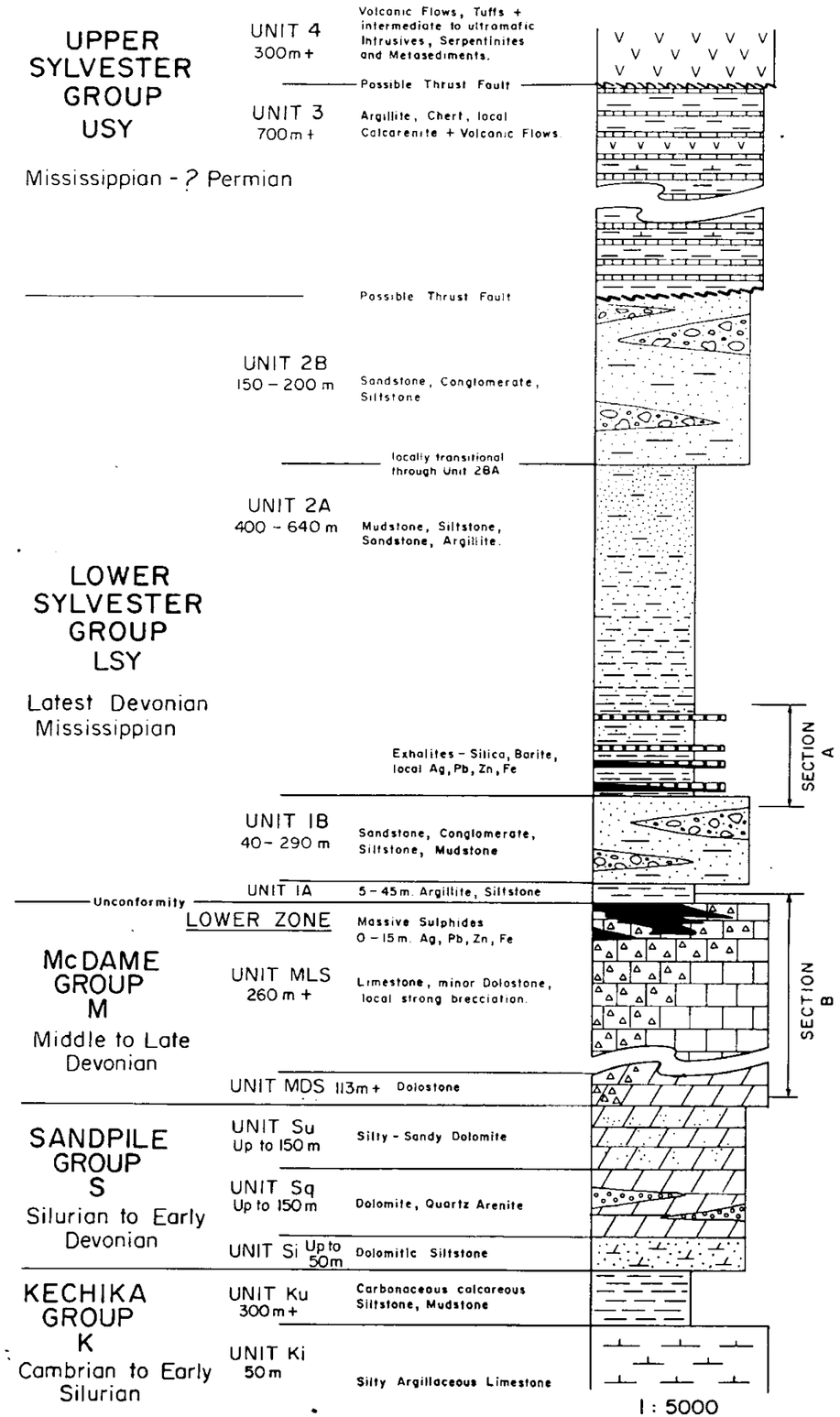
Massive sulphide deposits have been found in two stratigraphic locations: "exhalative", shale-hosted, stratabound deposits near the base of Unit 2A of the Lower Sylvester Group, and replacement and open space filling, carbonate-hosted deposits at and below the unconformity between the Lower Sylvester and McDame Groups. The former have not proven to be of economic interest; exploration activity since 1982 has focussed on the latter.

The carbonate-hosted sulphide deposits (Lower Zone or LZ) have been found over a vertical interval of 100m in McDame carbonate, throughout the upper limestone into the top of the underlying dolostone. The most extensively explored deposits are those immediately below the unconformity in the Silver Creek North zone, where sulphides have been found 20m to 120m below the surface. Massive sulphides have been intersected at depths between 175m and 480m northeast, east and south of the Silver Creek deposits.

The sulphides are spatially associated with, but not restriced to, altered and brecciated carbonate. In the Silver Creek zone there is a preferred azimuth of veins and tabular shaped bodies of 130 degrees to 150 degrees. The deposits vary in width and thickness from centimetres to tens of metres. The minerals of interest are argentiferous galena, sphalerite, and various silver-bearing sulphosalts, almost invariably accompanied by massive pyrite with lesser pyrrhotite and minor marcasite.

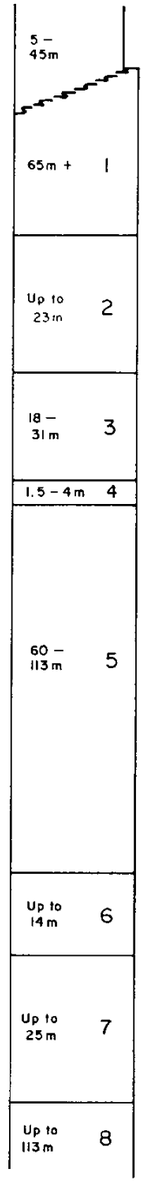
Both pre- and post-Sylvester faults have been found. Pre-Sylvester, post-McDame faults do not appear to have acted as barriers to mineralization. Major post-Sylvester faults are oriented northwest-southeast to north-south, dip to the west and have measured displacements of up to 200m, east side down.

The source of the mineralizing fluids in the Midway area is unknown. Alteration in the Lower Sylvester clastics, apparent mineral zoning and interpretation of aeromagnetic data indicate a center could lie 1.5 km to 2.0 km southeast of the known deposits.



1 : 5000

McDAME
SECTION B



UNIT 1A – Carbonaceous Mudstone.

Contact – Depositional and possible angular unconformity locally faulted.

Can be divided into 5 subunits:

- 1A – Dense facies = Amphipora facies, minor Massive Stromatoporoid facies.
- 1B – Abundant Thamnopora.
- 1C – Massive Stromatoporoid facies.
- 1D – Wholly composed of Crinoidal facies
- 1E – Same as 1A

Dominated by Massive Stromatoporoid facies. Minor Thamnopora and Euryamphipora facies. "Tryplasma" throughout.

Dense Packstone bed at top with fine Amphipora, "Tryplasma", Amphipora, Dense and Massive Stromaporoid facies.

Euryamphipora facies

Thick sequences of Amphipora and Dense facies, with minor intercalated Massive Stromatoporoid facies. Nodular Dense Packstones and Brachiopod - bearing Packstones are present.

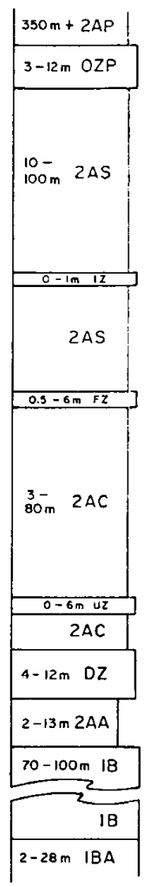
Upper – Amphipora and Dense facies with minor Euryamphipora.
Middle – Stromatoporoids with Stachyodes.
Bottom – Stromatoporoids with Thamnopora at the base.

Amphipora and Dense facies.
Thin shelled Brachiopods throughout, minor Thamnopora.

Dense facies with intercalated minor Amphipora and Brachiopod facies.
Stringocephalid throughout.
Correlates with Unit MDS.

1 : 1000

SYLVESTER
SECTION A



Siltstone, Sandstone. Deformed bedding.

Laminated silica ±barite ±pyrite, interbedded Siltstone.

Siltstone, Sandstone, minor Calcarenite.

Laminated silica ±pyrite ±barite.

Siltstone, Sandstone, minor Calcarenite

Laminated silica ±pyrite ±barite.

Mudstone, Siltstone, Calcarenite, Sandstone.

Laminated silica ±barite ±Ag, Pb, Zn, Fe

Mudstone, Siltstone, Calcarenite, Sandstone.

Laminated silica ±barite ±Ag, Pb, Zn, Fe

Carbonaceous Mudstone.

Sandstone, Conglomerate.

Siltstone, Sandstone (transitional to Unit 1A)

1 : 1000

REGIONAL RESOURCES LTD.

MIDWAY PROPERTY

STRATIGRAPHY OF THE SULPHIDE DEPOSITS AREA

N.T.S. 104-O, 105-B

WATSON LAKE MINING DISTRICT, YUKON TERRITORY
LIARD MINING DIVISION, BRITISH COLUMBIA

SCALE AS SHOWN

BY
CORDILLERAN ENGINEERING
1980 – 1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

DECEMBER 1984

FIGURE 3

CHAPTER 3

G E O C H E M I S T R Y

Soil samples were collected during 1986 from grids established over various areas of the Midway property. Two of these were the Keystone Mountain and Donegal Mountain grids (Figures 4 and 7).

3.1 SAMPLING

Baselines were cut in both areas to establish control for sampling on chain and compass flagged lines. In the Keystone Mountain area flagged lines were run east-west 200m or 400m apart, and samples collected at 50m intervals (Plates 2 to 4). A 100m by 100m sampling grid was used in the Donegal Mountain area (Plates 5 to 7). In each area samples were obtained from the "B" soil horizon using a mattock and placed in kraft paper bags. Grid coordinates were used to identify samples; these were written on the bags, and on flagging left at each sample site. All samples were dried in the bags in a propane-fired drying oven at the base camp, and then sieved to produce a -80 degree mesh fraction analysis.

3.2 ANALYSES

All analyses were performed by Bondar-Clegg and Company Ltd., 130 Pemberton Avenue, North Vancouver, B.C. The samples were digested using hot HNO3:HCl and Ag, Pb and Zn determined by atomic absorption spectroscopy (AAS). The lower detection limits were 0.2 ppm Ag, 2 ppm Pb and 1 ppm Zn. Copies of the analytical results are appended.

3.3 DEFINITION OF ANOMALIES

Between 1981 and 1984, in excess of 10,000 soil samples were collected from various parts of the Midway property and analyzed for Ag, Pb and Zn. From these results the following categories were defined (Cordilleran Engineering, 1981, 1982).

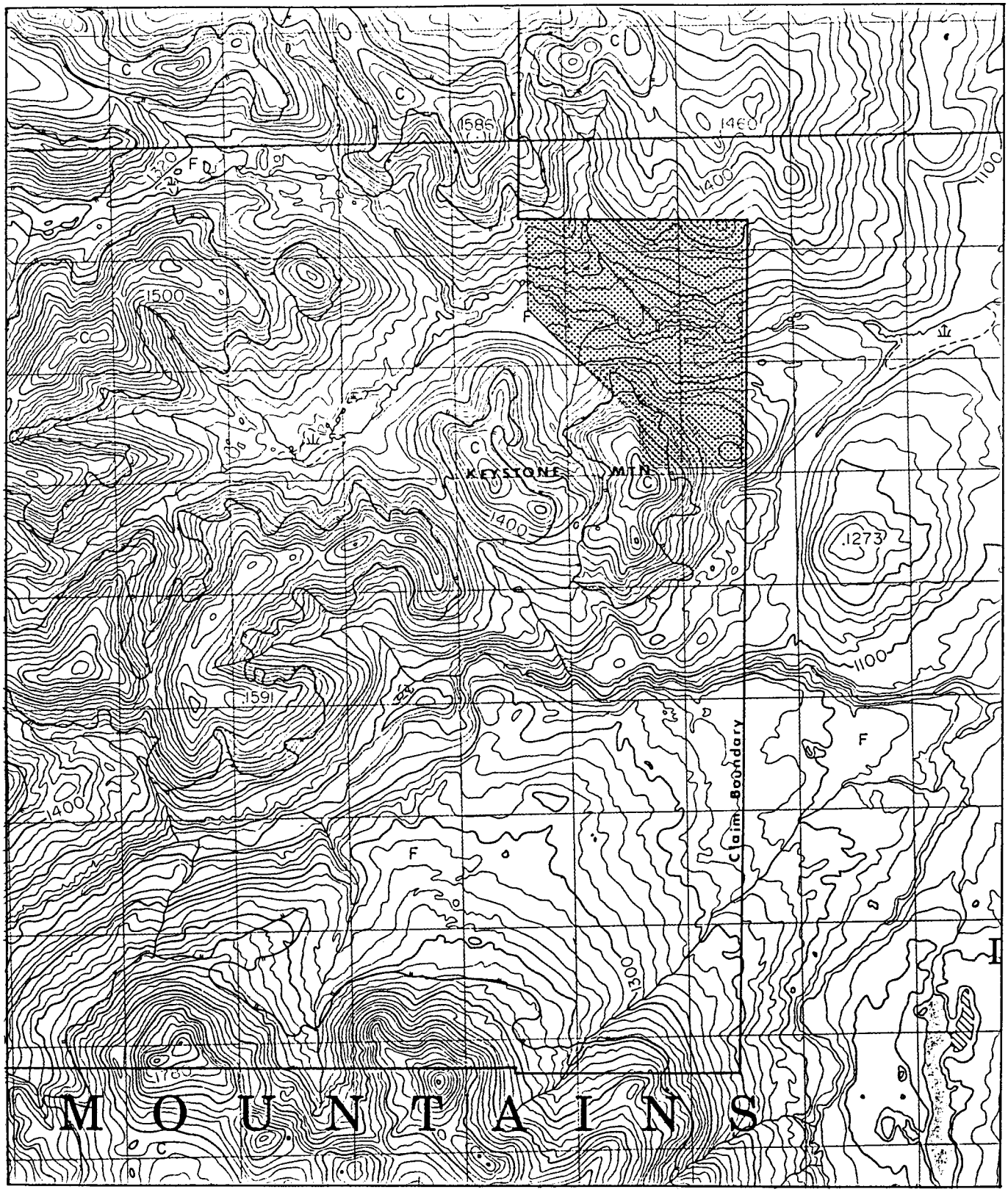
Table 2. ANOMALOUS CATEGORIES FOR Ag, Pb and Zn

Category			
Background	<0.9	<59	<245
Weakly Anomalous	0.9 - 1.9	59 - 142	245 - 485
Moderately Anomalous	2.0 - 4.2	143 - 344	486 - 964
Anomalous	>4.2	>344	>964

3.4 KEYSTONE MOUNTAIN

Soil samples were collected on the northeast slope of Keystone Mountain (Figure 4) because surface mapping and interpretation of the airborne resistivity survey flown in 1981 indicated that the area was underlain by Lower Sylvester clastic rocks on the southwest over McDame carbonates on the northeast. 263 samples were collected at 50m intervals on flagged lines 200m or 400m apart. Cut base lines in this area totalled 3.2 km.

Histograms for Ag, Pb and Zn are presented on Figure 5. The distributions of Pb and Zn are close to log normal while that for Ag is strongly skewed due to the high detection limit. Cumulative percent frequency plots (Figure 6) indicate that the samples are from a single population. Comparison of the analytical results (Appendix "A") with the categories in Table 2 shows that there is only one sample with weakly to moderately anomalous results in Ag, Pb and Zn (2.8 ppm, 74 ppm and 620 ppm, respectively).



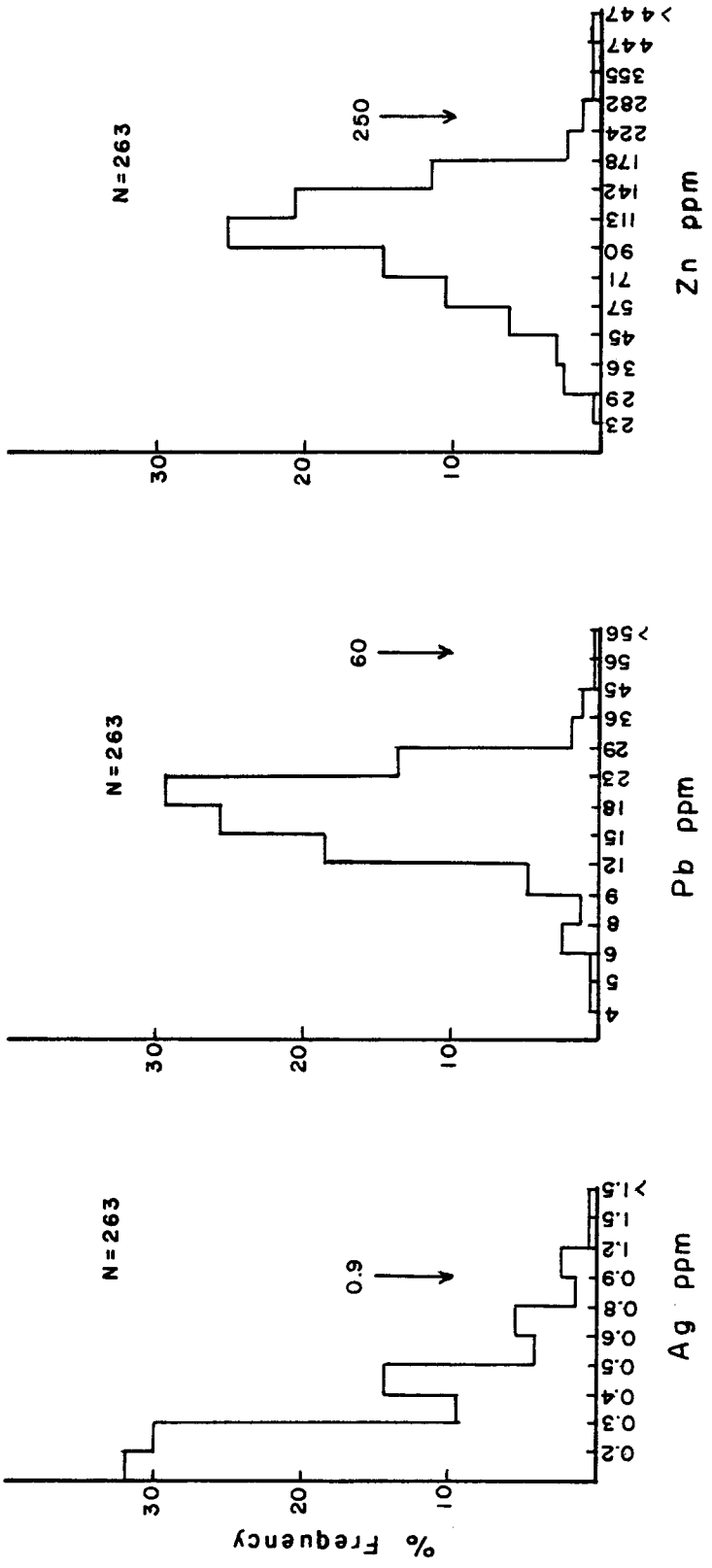
REGIONAL RESOURCES LTD.

KEYSTONE MTN. GRID

LOCATION MAP

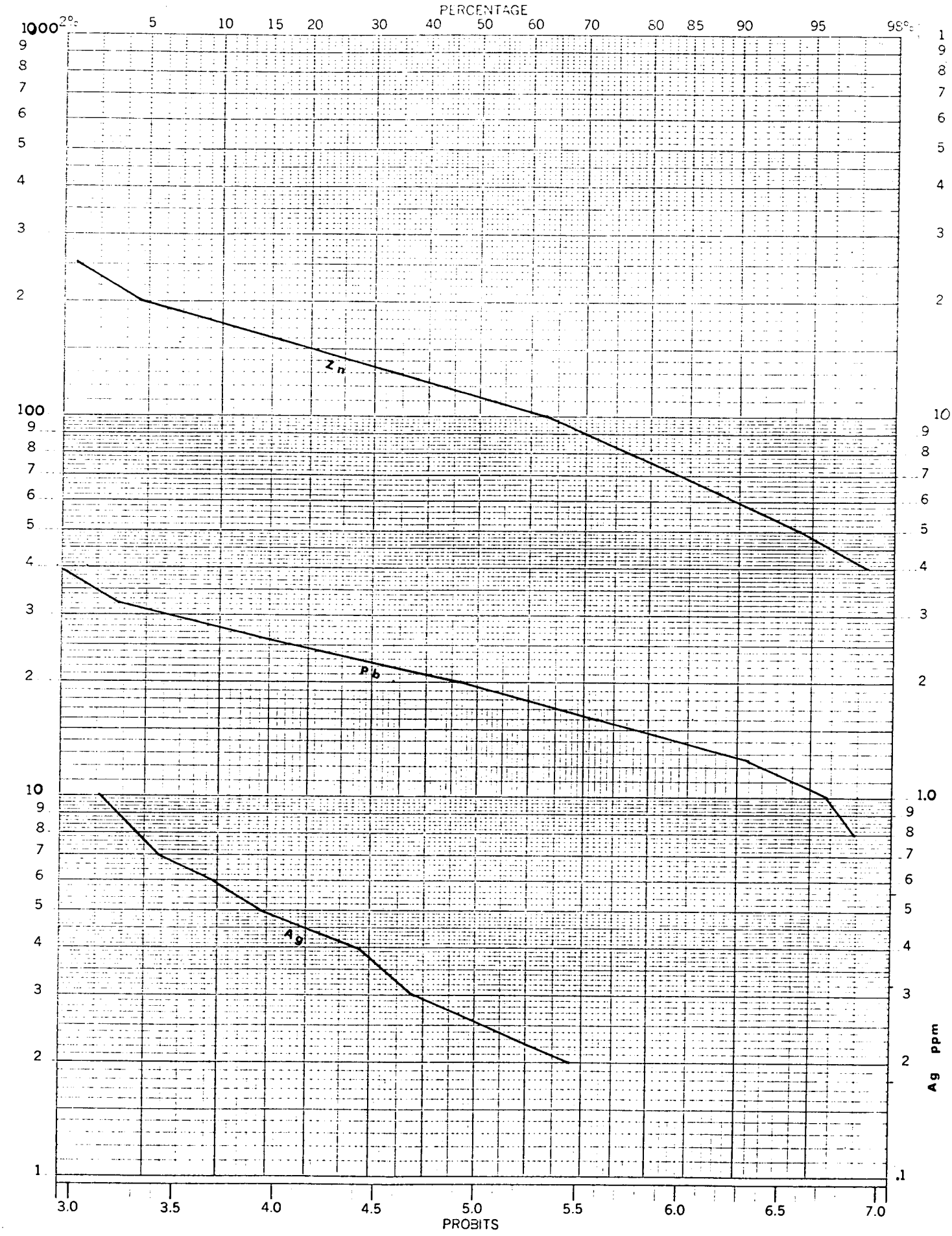
SCALE 1:50,000

Figure 4



KEYSTONE MTN.
Histograms of
Ag, Pb and Zn

Figure 5



KEYSTONE MTN. Cumulative % Frequency

Figure 6

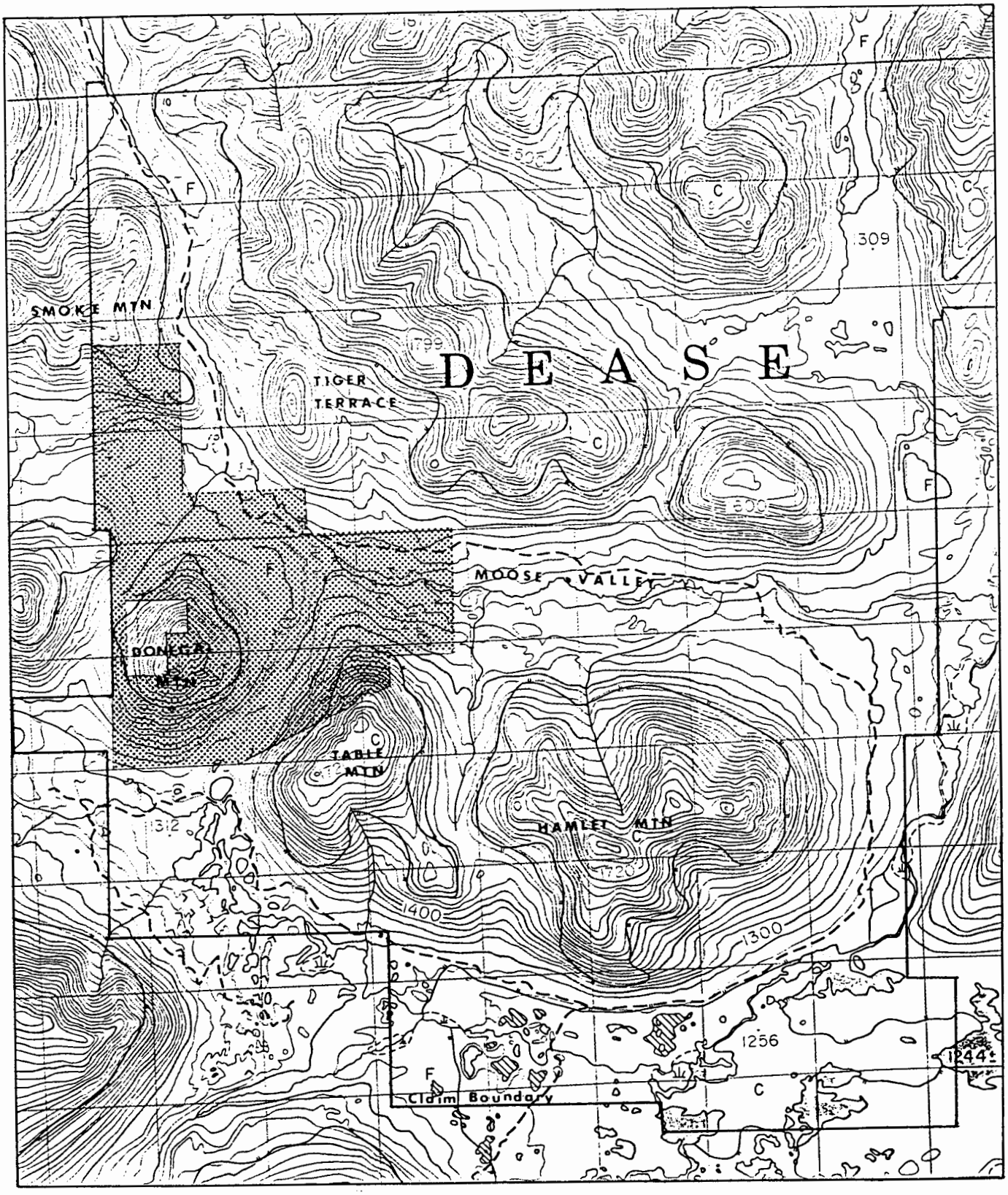
3.5 DONEGAL MOUNTAIN

Exposed on Hamlet, Table, and Donegal Mountains are slices of Sandpile and Kechika Group rocks thrust over younger Lower Sylvester clastics and McDame carbonate. On the northeast slope of Donegal Mountain McDame dolostone was under thrust by Lower Sylvester sandstone and siltstone. Oxidized breccia from the thrust plane was sampled during mapping in 1984, and returned values of 370 to 514 g/t Ag, 12% to 26% Pb and 1.7% to 3.8% Zn. Oxidized material from a kill-zone in the valley between Table and Hamlet Mountains was anomalous in silver. Iron-oxide stained carbonate from the southeast tip of Smoke Mountain carried 1430 ppm zinc, and similar material was found in carbonate below the Lower Sylvester siltstone on Tiger Terrace.

These sampled points are peripheral to the broad, till covered western end of Moose Valley. Outcrops are sparse to non-existant except on Donegal and Table Mountains. The till is composed predominantly of rounded cobbles to boulders of granitic rock (Cassiar intrusive?) in a sandy clay matrix. There are local patches, up to several hundred square metres in area, of dark grey to black shale/siltstone. The mainly till covered area that was sampled was believed to be underlain by McDame carbonate with local patches of overlying Lower Sylvester siltstone/sandstone.

A total of 727 soil samples were collected from the 6.6 square km of the Donegal Mountain grid (Figure 7). Cut lines for control totalled 7.1 km; 67.4 km of flagged line were sampled. Histograms for Ag, Pb and Zn from these samples are plotted on Figure 8. The distribution of each element is similar to those for the Keystone Mountain samples. Comparing the analytical results to the categories in Table 2 and the results plotted on Plates 5 to 7 it was noted that there were a few areas weakly to moderately anomalous in Ag, Pb and Zn. These have been compiled on Figure 10. The cumulative percent frequency plots in Figure 9 indicate the samples are from a single population.

There are a number of weak zinc anomalies (C, E, G, H and I), and five with moderatey anomalous to anomalous results (A, B, D, F and J). Prospecting in these areas revealed that the majority were underlain by soil derived from carbonaceous clastic sediments. Coincident Ag, Pb and Zn anomalies were found only in areas D1, D2 and D3. These are aligned along the thrust fault, between McDame carbonate and Lower Sylvester sandstone, on which the oxidized breccia showing was found in 1984. Additional prospecting along this fault failed to find any sulphides.



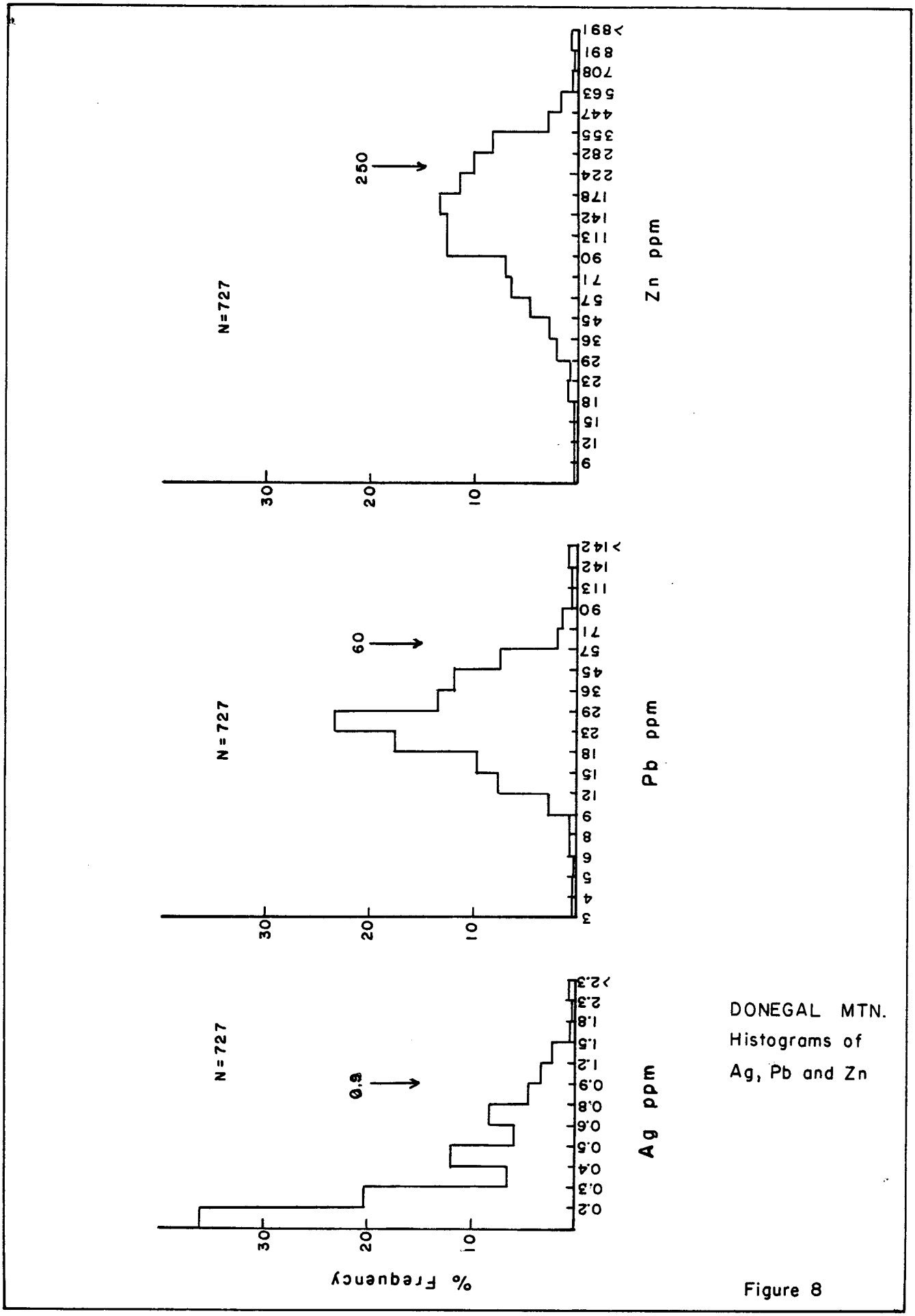
REGIONAL RESOURCES LTD.

DONEGAL MTN. GRID

LOCATION MAP

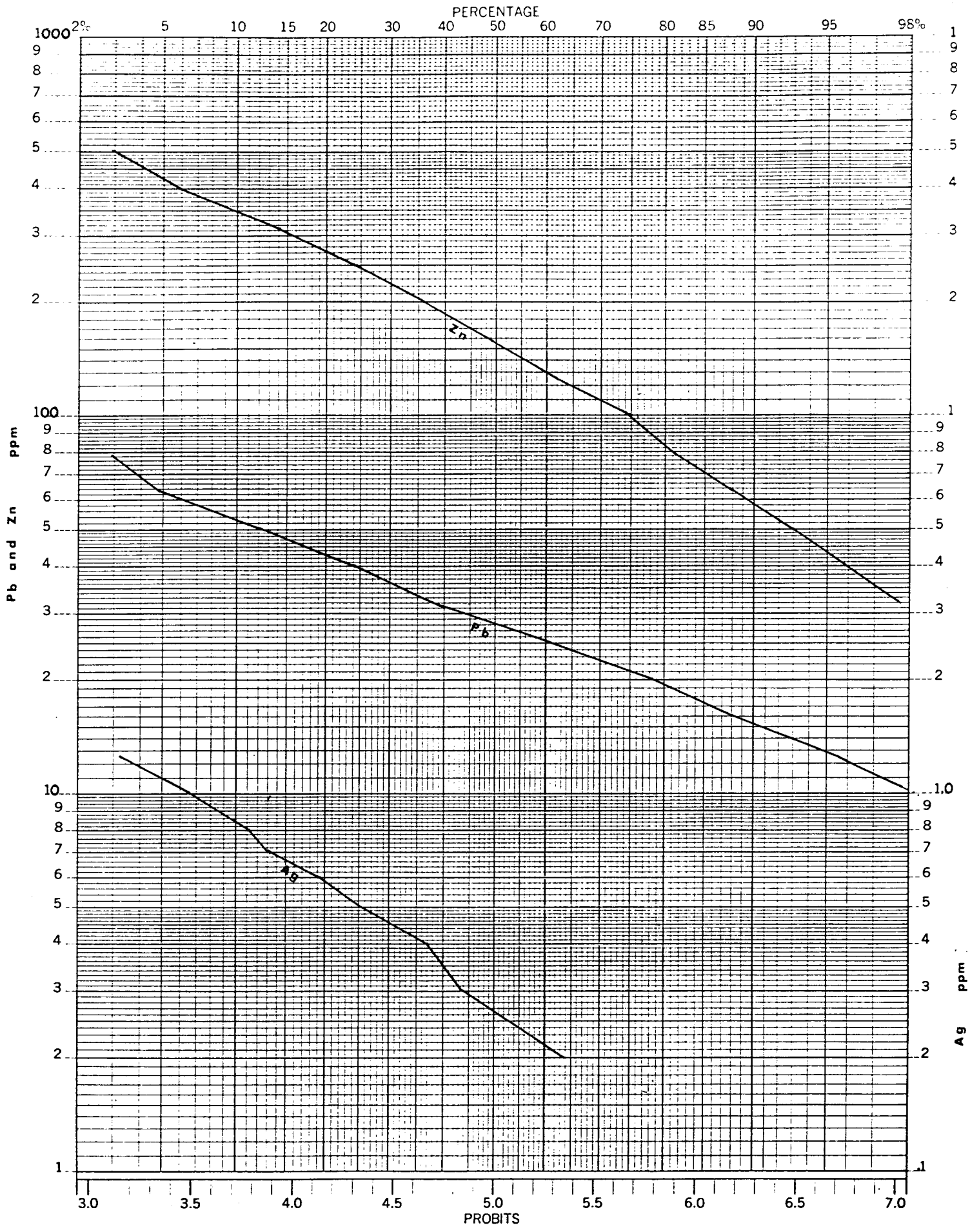
SCALE 1:50,000

Figure 7



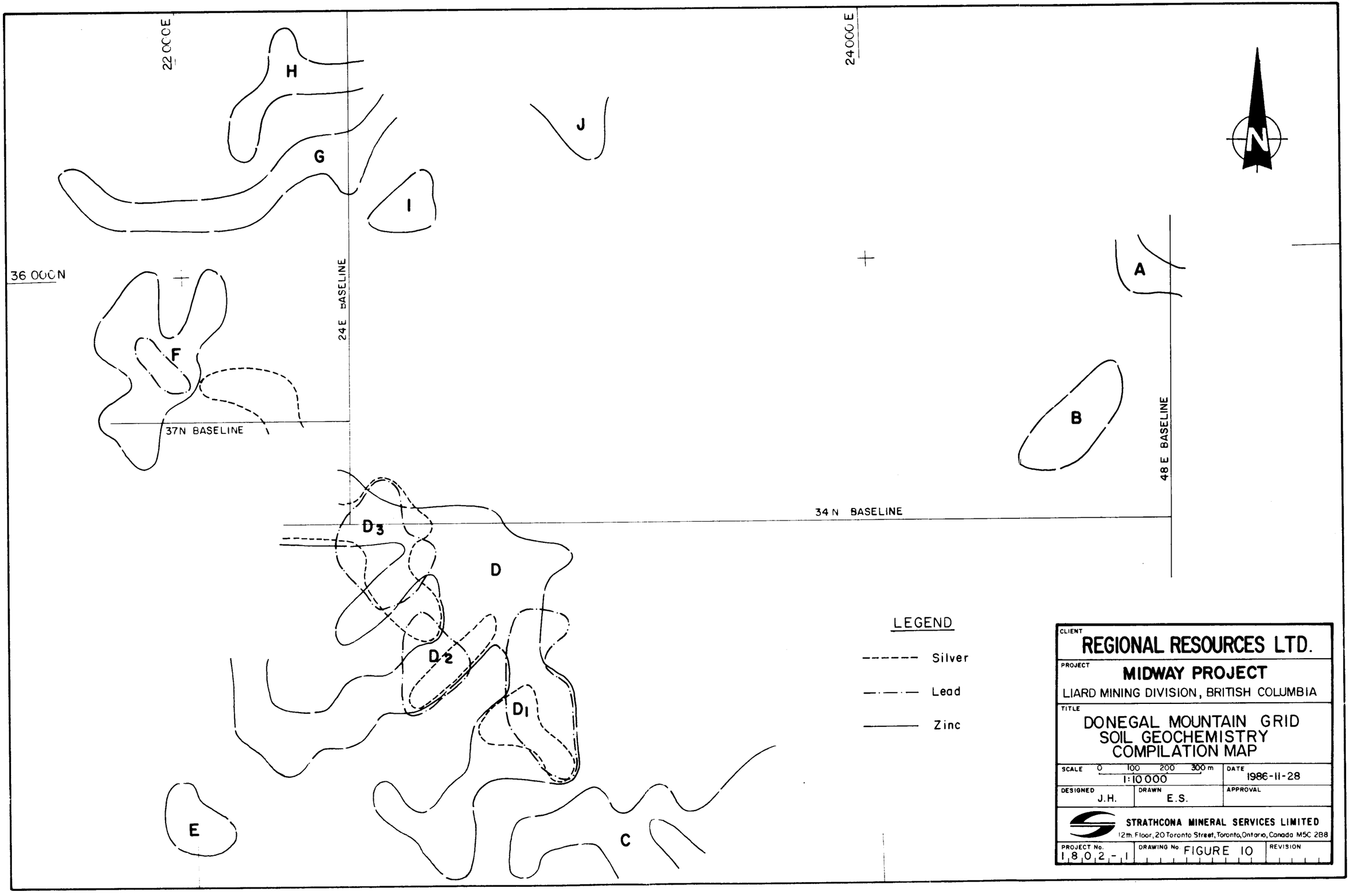
DONEGAL MTN.
Histograms of
Ag, Pb and Zn

Figure 8



DONEGAL MTN. Cumulative % Frequency

Figure 9


22 000E
24 000E
36 000N
24E BASELINE
37N BASELINE
34N BASELINE
48E BASELINE
N
H
G
I
J
F
A
B
D3
D
D2
D1
E
C
LEGEND
Silver
Lead
Zinc
CLIENT
REGIONAL RESOURCES LTD.
PROJECT
MIDWAY PROJECT
LIARD MINING DIVISION, BRITISH COLUMBIA
TITLE
DONEGAL MOUNTAIN GRID
SOIL GEOCHEMISTRY
COMPILATION MAP
SCALE 0 100 200 300 m
1:10 000
DATE 1986-11-28
DESIGNED J.H.
DRAWN E.S.
APPROVAL
STRATHCONA MINERAL SERVICES LIMITED
12th. Floor, 20 Toronto Street, Toronto, Ontario, Canada M5C 2B8
PROJECT No. 1802-1
DRAWING No. FIGURE 10
REVISION

CHAPTER 4

G E O P H Y S I C S

Magnetometer surveys were conducted in six areas of the Midway property during 1986. A total of 153 line km was surveyed at 12.5m intervals, using EDA Instrument of Toronto OMNI 4 field and base station magnetometers. The base station magnetometer sampled the earths total magnetic field every ten seconds, and stored the readings. The field unit recorded the total field at each station. The data from each unit was merged daily using computer software supplied by EDA which made the diurnal corrections and subtracted 58,000 nano teslas from each corrected station reading. The data for each line was then fed to an in-house program which used a five point smoothing formula to provide "smoothed" data. The output for each line gives the station coordinates, the "raw" and the "smoothed" data for each reading. Actual readings are obtained by adding 58,000 nt to each value.

It was anticipated that the magnetic results, combined with other knowledge, would help in defining drill targets. After orientation surveys it was concluded that this technique would be most useful as a mapping tool in areas of extensive overburden cover, such as the Donegal Mountain grid.

4.1 DONEGAL MOUNTAIN

A total of 77.4 km of magnetometer survey was conducted in the Donegal Mountain area, on flagged lines 100m apart. Readings were taken at 12.5m intervals. The area covered is shown on Figure 7. The raw data, minus 58,000 nt, is plotted and contoured on Plate 8 and listed in Appendix "B". The contours were computer-generated by Data Plotting Services of Toronto.

The majority of the magnetic features on this plate have a north northwest trend, paralleling the regional trend. The most prominent features, the two linear magnetic "highs" between 2600N-4100N and 2800E-3600E, correlate with known and inferred basic dykes in McDame carbonate. The offsets in both anomalies at their southeast ends were caused by a known fault.

The linear anomaly between 3900N-4200N and 2300E-2500E also overlies an explosed basic dyke. The remainder of the north northwest trending linear anomalies are concluded to indicate similar dykes.

The contour pattern located between 3200N-3300N and 3500E-4400E is believed to indicate an east-west structural break. A fault at the location was not previously suspected. A second east-west fault may be located betwen 3500N-3800N and 2700E-4200E. The inferred movement would be north side east.

In general, areas underlain by carbonate or quartzite have minor magnetic relief (20nt/100m) while areas underlain by Sylvester clastics have somewhat more (40nt/100m).

The coincident second-order soil geochemical anomlies described in the previous chapter are located immediately west of and parallel to the strongest magnetic linear. A possible geochemical-magnetic target is at 3050N on line 2900E. This is the approximate location of the gossan sampled in 1984.

CHAPTER 5

DIAMOND DRILLING

All diamond drilling during the 1986 exploration program was done by E. Caron Diamond Drilling Ltd. of Whitehorse, Y.T. One unitized Longyear 38 was used from July 27 to October 27, and a second from September 12 to October 8. Ten holes, totalling 1762 metres, are listed in Table 3.

Table 3. DIAMOND DRILL HOLES, MIDWAY PROPERTY, 1986

DDH # MW-86-	AREA	CLAIM	AZIMUTH	DIP	DEPTH	DATES
274	Tricorn	Climax 11	0	-90	157.60	6 Aug-10 Aug
275	NW Disco	Bull 5	0	-90	102.11	14 Aug-17 Aug
276	Tour Creek	Climax 1	0	-90	111.86	11 Aug-13 Aug
280	NW Disco	Bull 1	270	-70	268.83	12 Sep-21 Sep
281	NW Disco	Bull 1	270	-70	228.60	19 Sep-30 Sep
282	NW Disco	Bull 5	170	-45	152.40	21 Sep-25 Sep
283	NW Disco	Bull 5	0	-90	177.39	26 Sep- 2 Oct
284	NW Disco	Bull 1	270	-70	254.20	30 Sep-11 Oct
293	Tricorn	Climax 12	0	-90	137.77	3 Oct- 7 Oct
294	NW Disco	Bull 1	50	-85	171.30	12 Oct-19 Oct

A copy of the Diamond Drill Core Logging Format, and summary copies of each drill hole log giving the pertinent data, are appended, as are copies of the Assay and Analysis Records.

Diamond drilling in 1986 was concentrated in three areas where shales were known or suspected to overlie carbonates. Three holes (274, 276,293) were drilled on the Tricorn Mountain grid approximatley 3 km south southeast of the Silver Creek deposits. The remainder were on the NW Disco grid; four (280, 281, 2281, 284, 294) in the vicinity of holes 81 and 88 in the southeast corner of the grid (NW Disco South) and three (275, 282, 283) north of Tricorn Mountain near the center of the grid, 1.5 to 2 km north northwest of the deposits. The results by area are discussed below.

5.1 TRICORN MOUNTAIN

A relatively complete stratigraphic section, from Lower Sylvester clastic rocks on the south to Upper Kechika carbonaceous siltstones on the north, is exposed on Tricorn Mountain. Geological, geochemical and geophysical surveys previously conducted on the Tour Creek grid (Cordilleran Engineering 1981, 1982) east of Silvertip Creek were extended west on to Tricorn Mountain. Two target areas were chosen to be tested by diamond drilling, one low on the east flank of Tricorn Mountain and the second at the mouth of Tour Creek (Plate 8). Surface mapping indicated that the desired Sylvester/McDame contact was located just below the valley bottom; the drill targets were chosen after interpretation of the surface Pulse EM data.

A total of 3.0 km of access road was constructed using Caron's D-6C bulldozer. DDH MW-86-274 was collared on the lower slope of Tricorn Mountain; the core confirmed that the Sylvester/McDame contact was about 50 m below the valley. No sulphides or breccias were intersected; the YBR intervals probably represent altered dykes, with the upper one occupying a fault between McDame limestone units ML2 and ML5. A large number of partially to strongly altered, steeply dipping basic dykes are exposed in the limestone on Tricorn Mountain.

DDH MW-86-293 was drilled 60m north of MW-86-274. The McDame/Sylvester contact in DDH 293 was 23 m higher than in DDH 274. This gives an apparent dip of 20 degrees to the south, similar to the dips exposed in the strata on Tricorn Mountain.Sixty metres of variably brecciated and recrystallized Upper McDame limestone was intersected. Four intervals totalling 3.22 m of red to orange iron oxide and oxide-stained limestone were found between 103 m and 118.2 m depth. These returned geochemically anomalous values in Zn, but low values in Ag and Pb.

The combination of recrystallization, brecciation and possibly oxidized sulphides is encouraging.

The third hole, 276, was drilled near the mouth of Tour Creek, east of the inferred Silvertip Creek fault. The unconformity was intersected approximatey 35 m below the valley, at the same elevation as in DDH 274. The upper 32 m of limestone was moderately brecciated Unit ML5. Textures in the limestone below this were obliterated by recrystallization and minor dolomitization. No sulphides were seen.

Displacement on the Silvertip Creek Fault in this area appears to be very minor, as compared to the apparent displacement 3 km to 4 km to the north.

5.2 NORTHWEST DISCO

The NW Disco area is covered with glacial till and glacio-fluvial sand and gravel; there are practically no bed rock exposures. Soil sampling, till mapping and magnetometer and EM surveys were combined to produce an approximate subsurface geology map. Three holes were drilled, one for stratigraphic and structural information and two in potentially mineralized zones.

The location of the first hole, MW-86-275, was based on an initial interpretation, and was expected to intersect Lower Sylvester clastics overlying McDame limestone east of the projected northward extension of the Silvertip Creek fault. The interpretation was essentially correct; 56 m of clastics were intersected, but the contact with the limestone was a major fault with up to 270 m of offset, eastside down. A 3 m silicified interval in Unit 1A contained up to 5% pyrite, but negligible values in Ag, Pb, and Zn.

Diamond drilling on the Reg Resources property west of NW Disco during 1985 and 1986 resulted in the definition of a variably mineralized east-west striking, steeply north dipping structure cutting shale (G. Medford, pers. comm., 1986). Drill hole MW-86-282 was drilled east of this area to intercept the mineralized structure and marble, calcareous siltstone and siltstone. It failed to find the structure, or any sulphides of economic interest. The strata have been interpreted as Middle Kechika limy silstones by correlation with similar rocks exposed off the property (J. Nelson, pers.comm., 1986).

The third hole, MW-86-203, was drilled in a fault-bounded block expected to have relatively thin Sylvester siltstone overlying limestone. Two fault zones were defined in core above the siltstone/limestone contact found at a depth of 131 m. The McDame stratigraphy could not be defined because of brecciation, recrystallization and dolomitization. Minor disseminated pyrite was found in brecciated siltstone immediately above the contact; this zone contained negligible Ag, Pb and Zn.

5.3 NW DISCO SOUTH

The southeast corner of the NW Disco grid has a common border with the Discovery grid. Two holes, MW-84-81 and 84-88, were previously drilled in this area; hole 81 intersected three carbonate-hosted sulphide horizons (LZ's) of which the deepest returned 0.9 m grading 2116 g/t Ag, 33.8% Pb and 10.4% Zn. Hole MW 84-88, 145 m to the northwest, was blank.

Four holes were drilled during 1986 to determine the extent of the mineralization. Diamond drill hole MW-86-280 was sited 110 m north of MW-84-81; it intersected four Lower Zones, total thickness 12.1 m, between depths of 202 m and 222 m. These were hosted by brecciated ML1 limestone. The best intersection graded 176.9 g/t Ag, 2.6% Pb and 11.7% Zn across 2.45 m.

Hole MW-86-281 was collared 95 m west of MW-84-81 to determine if the sulphides occurred updip at a shallower depth. Unfortunately, a fault was intersected at 101 m which juxtaposed Lower Sylvester Unit 1B sandstone against 40 m of brecciated upper McDame limestone; the offset on this fault could not be determined, and the stratigraphic trap at the unconformity was not found. A second fault at a depth of 152 m was occupied by a dyke followed by a normal sequence of ML7/ML8; this package was encountered much higher than expected. A similar fault was found by hole MW-84-88 140 m to the north.

The third hole in this area, MW-86-284, was collared 70 m east of MW-84-88 to test for mineralization paralleling the unconformity north of MW-84-81 and MW-86-280. A normal Lower Sylvester clastic sequence was found between the collar and the unconformity at a depth of 211 m, although the Unit 2B sandstone package appeared to have been tectonically thinned by the numerous faults intersected. Once again, brecciation and recrystallization of the limestone precluded indentification of the McDame stratigraphy. An altered dyke between 224 m and 234 m probably occupies a fault; the underlying carbonate is most probably Lower McDame dolsotone (ML8). No Lower Zones were found.

The last hole, MW-86-294, was oriented to intersect the unconformity 75 m east of 86-284. Four faults cut the Unit 2B sandstone; the shale/limestone contact was 80 m lower than in 284. Two thin Lower Zones were found, 0.5 m at a depth of 16 m below the contact and 0.3 m at 25 m. The limestone was variably brecciated but nor recrystallized.

The results of all the drilling in the southeast corner of the MW Disco grid indicate that the Sylvester strata have been much more structurally disturbed than farther south. These gouged and broken sections make successful drill hole completion difficult. All four 1986 holes were reduced once, and two of them twice. It is possible that these fault zones represent lateral accommodation of the stresses generated during emplacement of the allochthon by bedding plane movement. Alternatively, they could be relatively high angle normal faults generated by release of compression after emplacement of the Cassiar Batholith.

CHAPTER 6

REVERSE CIRCULATION DRILLING

6.1 BULL 7 CLAIM

A large gossan, highly anomalous in Ag, Pb and Zn is exposed on the Bull 7 claims. The iron-manganese oxide mineralization is predominantly in a Sylvester siltstone remnant surrounded and underlain by McDame limestone. Trenching of the gossan in the past a) did not uncover any sulphides, and b) indicated that the siltstone cap was relatively thin.

To test this area at depth 4 km of access road was rebuilt (Figure 11), 8 drill sites were constructed, and nine reverse circulation holes, 12 cm in diameter, were drilled on two sections 225 m apart (Plate 9). All holes were vertical, and were spaced approximately 100 m part. It was necessary to drill two holes from one site after the first hole was lost.

The drilling equipment (Nodwell mounted Schramm air rotary drill and down hole hammer, Nodwell TF60 support vehicle) and two man crew were supplied by Midnight Sun Drilling Co. Ltd. of Whitehorse. The holes were completed between September 30 and October 15, 1986.

The down hole hammer produced minus 1\4 inch rock chips which were passed through a cyclone before splitting three times with a Jones riffle to give a final 12.5% sample. The sampling interval was 1.5 m. The chips were logged, and most samples sent for analysis. The holes are summarized in Table 4, and the logs and analysis sheets are appended.

Table 4 REVERSE CIRCULATION DRILL HOLES, MIDWAY PROPERTY, 1986

DRILL HOLE MW-86-	AZIMUTH	DIP	DEPTH	DATES
285	0	-90	96.62	30 Sep - 1 Oct
286	0	-90	105.76	2 Oct - 3 Oct
287	0	-90	89.00	3 Oct - 4 Oct
288	0	-90	169.77	7 Oct - 8 Oct
289	0	-90	127.10	9 Oct - 10 Oct
290	0	-90	93.57	11 Oct - 12 Oct
291	0	-90	108.20	12 Oct - 13 Oct
292	0	-90	102.72	13 Oct - 14 Oct
295	0	-90	78.64	14 Oct

422,000 E

424,000 E

SUE 2

WAY 12

SUMP

RCD MW 86 - 285

RCD MW 86 - 286

6, 648, 000 N

RCD MW 86 - 287,288

RCD MW 86 - 289

RCD MW 86 - 290

RCD MW 86 - 295

RCD MW 86 - 292

RCD MW 86 - 291

BULL 7

River

Toolsee

BULL 5

BULL 1

BULL 8

SILVERKNIFE I

SILVERKNIFE I

BULL 8

BULL 28 Fr.

6, 646, 000 N

REGIONAL RESOURCES LTD.

BULL 7 CLAIM

LOCATION MAP

1 10,000

200 0 200 400

OCTOBER 1986

FIGURE 11

Results:

1. No sulphides of economic interest were found.
2. The shale caprock was much thicker than anticipated. Where 10 m to 20 m was expected, up to 89 m was found.
3. Iron oxides were intersected from surface to depths of 20 m to 70 m, and intermittently at greater depths.
4. In general, the base of continuous oxidation was related to the Sylvester/McDame contact.
5. High Zn results, and to a lesser extent Ba, were predominantly in carbonate-hosted oxides close to the shale/limestone contact.

CHAPTER 7

SUMMARY AND CONCLUSIONS

A variety of techniques (geochemical, geophysical, geological mapping, diamond and reverse circulation drilling) were used in different areas of the Midway property during 1986 in an attempt to find more mineralization. Positive indications were found in the Tricorn Mountain area, and the known deep mineralization was extended to the north in the Discovery area. Although strong surface indications are present on the Bull 7 claim, drilling failed to find any sulphides. Limited drilling north of Tricorn Mountain, after extensive surface exploration, did not find either McDame of Atan-hosted mineralizaiton.

It can be concluded that the potential of finding carbonate hosted massive sulphide mineralization within 100 m of the surface in the areas tested is very low, with the possible exception of beneath the east slope of Tricorn Mountain.

CHAPTER 8

C O S T S T A T E M E N T

SALARIES;				
Project Manager				
- H.Thalenhorst	Jun 1 - Oct 19,	79 days		
(salary included in Project Management)				
Project Geologists				
-J.J.Hylands, P.Eng.	Jun 1 - Oct 19,	88 days	@ $450/d	$39,000.00
-W.J.Jakubowski, B.Sc.	Jun 1 - Oct 19,	82 days	@ 330/d	27,060.00
-P.Donkersloot, B.Sc.	Sep 17 - Oct 19,	32 days	@ 275/d	8,800.00
		202 days		
Assistants				
-G.Lafortune, Geophysical	Jun 18 - Sep 30,	85 days	@ 88/d	7,480.00
-L.Kostyshin, "	Jun 15 - Oct 19,	110 days	@ 79/d	8,690.00
-I.Hylands, "	Sep 21 - Oct 27,	26 days	@ 66/d	1,716.00
-J.Arnold, "	Sep 26 - Oct 19,	24 days	@ 79/d	1,896.00
-C.Mimnaugh, "	Jul 7 - Sep 17,	31 days	@ 84/d	2,449.00
-J.Riddell, Geochemical	Jun 8 - Sep 14,	73 days	@ 84/d	6,132.00
-B.Fletcher, "	Jun 8 - Sep 17,	79 days	@ 84/d	6,636.00
		428 days		34,999.00
Camp Maintenance				
-L.MacDonald	Jun 4 - Sep 12,	75 days	@ $ 84/d	6,300.00
-J.Young	Oct 10 - Oct 19,	10 days	@ 78/d	780.00
		85 days		7,080.00
Catering Staff				
-S.Baker, Cook	Jun 6 - Sep 9,	62 days	@ $ 97/d	6,014.00
-T.Grosset, Cook	Sep 9 - Oct 8,	26 days	@ 106/d	2,756.00
-C.Warburton, Cook	Oct 1 - Oct 19,	19 days	@ 99/d	1,881.00
-A.MacGillivray, Bullcook	Jun 8 - Jun 18,	7 days	@ 75/d	525.00
-D.Fleshman, Bullcook	Jun 25 - Oct 19,	83 days	@ 72/d	5,976.00
		1197 days		17,152.00
	TOTAL B.C. SALARIES, 1986			$134,691.00

FOOD AND ACCOMMODATION:

Midway Personnel	B.C. & Y.T.	B.C.
-Project Manager	100 days	79 days
-Project Geologists	252 days	202 days
-Assistants	525 days	428 days
-Camp Maintenance	95 days	85 days
-Catering Staff	264 days	197 days
	1236 days	991 days

Contractors Personnel

-Frontier Helicopters, Watson Lake
Various pilots — Jun 12 - Sep 6, 78 days total, 26 days in B.C.

-Crone Geophysics Ltd, Toronto
Richard Kurtz, operator — Jun 18 - Jul 25, 38 days total, 26 days in B.C.

-G.Clark Contracting, Whitehorse
Various linecutters — Jun 10 - Aug 31, 143 days total, 105 days in B.C.

-Caron Diamond Drilling, Whitehorse
Various drillers & helpers — Jul 27 - Oct 19, 494 days total, 360 days in B.C.
Catskinners — Jun 10 - Oct 3, 89 days total, 56 days in B.C.

-Midnight Sun Drilling, Whitehorse
Driller,helper,supervisor — Sep 30 - Oct 25, 35 days total, 36 days in B.C.

-Canamax Resources Inc., Toronto
A.Watts, geophysicist — Jun 22 - Sep 14, 43 days total, 30 days in B.C.

-Strathcona Mineral Services, Toronto
E. Roy, electrician — Oct 3 - Oct 7, 5 days total, 5 days in B.C.

FOOD AND ACCOMMODATION
-Visitors, various — 70 days total, 13 in B.C.

Total camp mandays, B.C. & Y.T. = 2231
Total camp mandays, B.C. only = 1648
Period: June 8 - October 19, 1986.

Cost of food and accommodation, B.C.
1648 mandays x $43.99/manday = $72,495.52

TRANSPORTATION

-Return air transportation, Vancouver or Toronto to Watson Lake, including meals and lodging ..... = $20,999.00
B.C. cost prorated on basis of ratio of employee mandays in B.C. to total employee mandays on Midway

$$= \frac{991}{1236} \times \$20,999.00 = \$16,836.58$$

-Truck Rentals
Hertz 4-wheel drive crewcab and pickup ..... = $18,586.00
B.C. cost prorated on basis of ratio of mandays in B.C. to total mandays on Midway

$$= \frac{1648}{2231} \times \$18,586.00 = \$13,729.15$$

-Helicopter Lease

B.C. Hours:	36.3 hrs x $443.00/hr	= $16,080.90	
B.C. Fuel:	36.3 hrs x $7,680.00	= 2,598.17	$18,679.07
	107.3 hrs total		

-Freight, express, delivery $15,696.00

$64,940.80

RENTALS

-Spacetel installation rental — Jun 1 - Oct 19, $11,320 x $\frac{1640}{2231}$ = $ 8,361.88

-966 Loader (all B.C.)	Jun 1 - Aug 31	8,520.00
-Fuel tanks (all B.C.)	Jun 1 - Sep 30	900.00
-Magnetometres	Jun 15 - Sep 30 $9,792 x $\frac{153.1 \text{ km BC}}{182.7 \text{ km ttl}}$	8,205.56
		$25,987.44

SURVEYS

-Crone Geophysics Limited	Jun 18 - Jul 25, 38 days; Ground PEM 50.7 line km @ $455.25/km, B.C. ($34,053 for 74.8 line km, total)	$23,081.18
	Total Surveys B.C.	$23,081.18

ANALYSES

-2325 soil samples analyzed for Ag, Pb, and Zn @ $4.00/sample $9,300.00

-20 core samples assayed as follows:

Sample preparation	20 x $3.75 =	$ 75.00	
Silver	20 x 5.50 =	110.00	
Lead	20 x 6.25 =	125.00	
Zinc	20 x 6.25 =	125.00	
Gold	20 x 6.00 =	120.00	
Specific Gravity	19 x 7.75 =	147.25	702.25

-209 core and percussion samples analyzed as follows:

Sample preparation	209 x $3.25 =	$679.25	
Silver	209 x 2.00 =	418.00	
Lead	209 x 1.00 =	209.00	
Zinc	209 x 1.00 =	209.00	
Barium	196 x 4.50 =	882.00	
Gold	89 x 6.75 =	600.75	
Copper	5 x 1.00 =	5.00	
Arsenic	5 x 3.75 =	18.75	
Iron	12 x 1.00 =	12.00	3,033.75
	Total Analyses B.C.		$13,036.00

PROJECT MANAGEMENT

Strathcona Mineral Services, Toronto May 1 - Oct 19 = $90,221.00
Prorated on basis of mandays in B.C. to total mandays in Midway

$$\frac{1648}{2231} \times \$90,221.00 = \$66,644.65$$

To October 30 = $96,766; Oct 19 = $90,221

LINECUTTING

95 km of cut line, B.C. & Y.T. x $315.00/km = 29,925.00
Mobilization and demobilization 1,300.00
31,225.00

Cost/km = $\frac{\$31,225.00}{95 \text{ km}}$ = $328.68/km

B.C. cost = 72.7 km x $328.68 = $23,895.04

ROAD AND DRILL SITE PREPARATION

E. Caron Diamond Drilling Ltd., Caterpillar D-6C tractor rental
Jun 10 - Oct 19, 434.5 hrs x $75/hr $32,587.50

DIAMOND DRILLING

E. Caron Diamond drilling Ltd., Whitehorse (costs to Oct.19,1986)			
155.73 m HW casing @ $70.00/m	= $10,901.10		
1036.05 m HWL drilling @ 65.56/m	= 67,923.44		
448.05 m NQ drilling @ 58.96/m	= 26,417.03		
122.23 m BQ drilling @ 58.96/m	= 7,206.68		
1762.06 m	112,448.25	112,448.25	
Field time: 1188 manhours @ $29.00/hr	= $34,452.00		
401 machine hrs @ 20.00/hr	= 8,020.00	42,472.00	
Mobilization and demobilization		7,197.50	
Service trips		90.00	
Mud, propane		897.29	
Bits, rods, casing		21,030.77	
Fuel oil		16,876.00	
		$201,011.81	

REVERSE CIRCULATION DRILLING

Midnight Sun Drilling Co. Ltd., Whitehorse			
90.53 m @ 13.26/m	= $ 1,200.00		
837.90 m @ 26.40/m	= 22,120.56		
44.77 m @ 30.35/m	= 1,358.77		
973.20 m	24,679.33	$24,679.33	
Field time: 7 hrs x $140/hr	= 980.00		
Travel time: 10.25 hrs x 50/hr	= 512.50		
Sample bags: 33 x 1/bag	= 33.00	1,525.50	
Mobilization and demobilization		6,435.00	
		$32,639.83	

ROAD MAINTENANCE

Thawing of culverts with steam truck	2,146.00

CAMP OPERATING COSTS

	Total to Oct.31
Camp supplies and equipment	$ 5,858.00
Food	36,836.00
Fuel oil	27,544.00
Gasoline	7,669.00
Propane	4,245.00
Oil and lube	1,892.00
Vehicle repairs	1,023.00
Equipment repairs	342.00
Field supplies	5,786.00
Telephone	8,255.00
Maps	31.00
Draughting	2,439.00
	$101,920.00

CAMP MANDAYS	Total to Oct.31
Project Manager	109
Project Geologist	261
Assistants	543
Maintenance	104
Catering	271
Frontier Helicopters	78
Crone Geophysics	381
Linecutters	143
Caron Diamond Drilling	616
Midnight Sun Drilling	36
Canamax Resources	43
Strathcona Mineral Services	5
Visitors	70
	2317

COST SUMMARY

Salaries	$175,615.00
Food and Accommodation	72,795.52
Transportation	64,940.80
Rentals	27,119.10
Surveys	23,081.18
Analyses	12,268.50
Management	66,644.65
Linecutting	22,900.50
Road and Drill Site Preparation	32,587.50
Diamond Drilling	201,011.81
Reverse Circulation Drilling	32,639.83
Road Maintenance	2,146.00
	$733,450.36

CHAPTER 9

CIRCULATION OF COSTS FOR ASSESSMENT WORK

Costs incurred between May 1 and October 19, 1986

A. MANAGEMENT FEES, B.C.

Strathcona Mineral Services	$ 66,644.65
J.J.Hylands, Cordilleran Engineering	39,600.00
	$106,244.54

Applicable mandays, B.C.:

Midway employees	991 days
Contractors	614 days
Consultants	30 days
Visitors	13 days
	1648 days

$$\text{Management fee/manday} = \frac{\$106,244.65}{1648 \text{ mandays}} = \$64.47/\text{manday}$$

B. CAMP SUPPORT AND MAINTENANCE COST

To October 31, 1986, B.C. and Y.T.

Camp operating costs	$101,920.00
Plus: Freight and express	15,696.00
	$117,616.00

$$\text{Cost/manday} = \frac{\$117,616.00}{2317 \text{ mandays}} = \$50.76/\text{manday}$$

To October 19, 1986, B.C. only:

Catering salaries	$17,152.00
Maintenance salaries	7,080.00
Transportation of personel	16,836.58
Rentals: telephone, vehicles, loader, fuel tanks	31,511.08
	$72,579.61

$$\text{Cost/manday} = \frac{\$72,579.61}{1648 \text{ mandays}} = \$44.04/\text{manday}$$

Total Camp Support and Maintenance Cost =

$50.76/manday + $44.04/manday = $94.80/manday

C. HELICOPTER COST, B.C.

Contract cost	36.3 hrs x $443.00/hour	$16,080.90
Fuel		2,598.17
Camp support	26 days x 94.80/manday	2,464.80
Management	26 days x 64.47/manday	1,676.22
		$22,820.09

$$\text{Cost/hour} = \frac{\$22,820.09}{36.3 \text{ hours}} = \$628.65/\text{hour}$$

D. LINECUTTING COST, B.C. & Y.T.

Line cut	95 km x $315/km	$29,925.00
Camp support	143 mandays x 94.80/manday	13,556.40
Management	143 mandays x 64.47/manday	9,219.21
Mobilization and demobilization		1,300.00
		$54,000.61

$$\text{Cost/km} = \frac{\$54,000.61}{95 \text{ km}} = \$568.43/\text{km}$$

E. MAGNETOMETER SURVEY COSTS, B.C.

Rental of field and base station magnetometer $8,205.56

Km surveyed, B.C. = 153.1 km

$$\text{Cost/km} = \frac{\$8,05.56}{153.1 \text{ km}} = \$53.60/\text{km}$$

Operator cost/manday - G. Lafortune

Salary	$ 88.00/manday
Camp support	94.80/manday
Management	64.47/manday
	$247.27/manday

F. SOIL SAMPLING COST

Analyses $4.00/sample

Sample collection and preparation

Sampler salary	$ 84.00/manday
Camp support	94.80/manday
Management	64.47/manday
	$243.27/manday

G. ACCESS ROAD AND DRILL SITE CONSTRUCTION COSTS

D-6 Caterpillar tractor		
Rental		75.00/hr
Fuel Cost	4.5 gals/hr x $1.932/gal	$ 8.69/hr
		$83.69/hr
Operator mandays to October 19, 1986: 89 mandays		
Camp support	89 mandays x $94.80/manday	$ 8,437.20
Management	89 mandays x 64.47/manday	5,737.83
		$14,175.03

Total Cat hours with operator to October 19,1986 = 762.5 hrs.

$$\text{Operator cost/hour} = \frac{\$14,175.03}{762.5 \text{ hrs}} = \$18.59/\text{hr}$$

Hourly cost to project of D-6C = $83.69 + $18.59 = $102.28/hour

H. DIAMOND DRILLING COSTS, B.C.

Contractors invoices			$201,011.81
Camp support	360 mandays x $94.80/day		34,128.00
Management	360 mandays x 64.47/day		23,209.20
Assays and analyses			
20 core samples assayed			702.25
18 core samples analyzed			310.25
Geologists			
W.Jakubowski	Aug.11-Oct.19	38 days x $330.00/day	12,540.00
P.Donerksloot	Sep.12-Sep.21	10 days x 275.00/day	2,750.00
Core helper			
L.Kostyshin	Jul.27-Oct.19	60 days / 108 days x 79.00/day	4,740.00
Camp support	108 mandays x $94.80/day		10,238.40
Management	108 mandays x 64.47/day		6,962.76
			$295,592.67

$$\text{Diamond Drilling cost/metre, B.C.} = \frac{\$295,592.67}{1762.06 \text{ m}} = \$167.75/\text{m}$$

I. REVERSE CIRCULATION DRILLING COSTS, B.C.

Contractos invoices			$32,639.83
Contractors personnel			
Camp support	36 mandays x $94.80/day		3,412.80
Management	36 mandays x 64.47/day		2,320.92
Analyses			
191 chip samples analyzed			2,723.50
Geologis			
P.Donkersloot	Sep.30-Oct.16: 17 days x $275.00/day		4,675.00
Helper			
I.Hylands	Sep.30-Oct.30: 17 days / 34 days x 66.00/day		1,122.00
Camp support	34 mandays x $94.80/day		3,223.20
Management	34 mandays x 64.47/day		2,191.98
			$52,309.23

$$\text{Reverse Circulation drilling cost/metre} = \frac{\$52,309.23}{973.20 \text{ m}} = \$53.75/\text{m}$$

SUMMARY OF ASSESSMENT COSTS

A.	Management fees	.....	$ 64.47/manday
B.	Camp Support and Maintenance	.....	94.80/manday
C.	Helicopter	.....	628.65/hour
D.	Linecutting	.....	568.43/km
E.	Mangetometer Survey	..... Instrument	53.60/km
		..... Operator	247.27/manday
F.	Soil Sampling	..... Analyses	4.00/sample
		..... Samplers	243.27/manday
G.	Access Road, Drill Site Construction, D-6C	.....	102.28/hour
H.	Diamond Drilling	.....	167.75/metre
I	Reverse Circulation Drilling	.....	94.86/metre

ALLOCATION OF ASSESSMENT COSTS

BULL 7 GROUP

Work performed:

Reconstruction of existing access road to Bull 7 claim; 4 km road, 4 m wide, D-6C, 39 hours x $102.28/hr				=	$ 3,988.92
Construction of 0.6m new road, 9 drill sites, D-6C, 84 hours x $102.28/hour				=	8,591.52
Drilling of nine reverse circulation drill holes, 973.20 m x $47.86/m				=	52,309.23
					$64,889.67

TOTAL PHYSICAL	$12,580.44	
TOTAL DRILLING	52,309.23	
	$64,889.67	

WAY GROUP

Work performed:

Cutting of 3.2 km of baseline	3.2 km	x	$568.43/km	=	$1,818.98
Helicopter support	1.2 hrs	x	628.65/hr	=	754.38
Collection of 263 soil samples	9 mandays	x	243.27/day	=	2,189.43
Analyses of 263 soil samples	263	x	4.00 ea	=	1,052.00
Helicopter support	1.8 hrs	x	628.65/hr	=	1,131.57
					6,946.36

TOTAL GEOCHEMICAL	$ 6,946.36	
PAC WITHDRAWAL	1,053.64	
	$ 8,000.00	

DONEGAL GROUP

Work performed:

Cutting of 7.1 km of baseline	7.1 km	x	$568.43/km	=	$ 4,035.85
Helicopter support	2.0 hrs	x	628.65/hr	=	1,257.30
Collection of 727 soil samples	33.0 mandays	x	243.47/day	=	8,027.91
Analyses of 727 soil samples	727	x	4.00 ea	=	2,908.00
Helicopter support	5.6 hrs	x	628.65/hr	=	3,520.44
					19,749.50
77.4 km of magnetometer survey	77.4 km	x	53.60/km	=	4,148.64
Operator	10 mandays	x	247.27/day	=	2,472.70
Helicopter support	4.2 hrs	x	628.65/hr	=	2,640.33
					$9,261.67

TOTAL GEOCHEMICAL	$19,749.50	
TOTAL GEOPHYSICAL	9,261.67	
	$29,011.17	

BULL 25 GROUP

Work performed:

Diamond drilling of seven holes on Bull 1 and Bull 5 claims, totalling 1,354.47 m x $167.75/metre = $227,212.34

DDH #	CLAIM	DATES DRILLED	DEPTH	COST
275	Bull 5	Aug 14 - Aug 17	102.11	$ 17,128.95
280	Bull 1	Sep 12 - Sep 21	268.83	45,096.23
281	Bull 1	Sep 19 - Sep 30	228.60	38,347.65
282	Bull 5	Sep 21 - Sep 25	152.04	25,504.71
283	Bull 5	Sep 26 - Oct 2	177.39	29,757.17
284	Bull 1	Sep 30 - Oct 11	254.20	42,642.05
284	Bull 1	Oct 12 - Oct 19	171.30	28,735.58
			1354.47	$227,212.34

Construction of access road and drill sites, D-6C, 140 hrs x $102.28/hr = 14,319.20

$241,531.54

TOTAL DIAMOND DRILLING ..... = $241,531.54

CLIMAX GROUP

Work performed

Diamond drilling of three holes on Climax 1, 11 and 12 claims, totalling 407.23 m x $167.75/m = $68,312.83

DDH #	CLAIM	DATES DRILLED	DEPTH	COST
274	Climax 11	Aug 8 - Aug 10	157.60	$26,437.40
276	Climax 1	Aug 11 - Aug 13	111.86	18,764.52
293	Climax 12	Oct 3 - Oct 7	137.77	23,110.92
			407.23	$68,312.82

Construction of access roads and drill sites, D-6C 126 hours x $102.28/hour = $12,887.28

TOTAL DIAMOND DRILLING ..... = $81,200.11

CHAPTER 10

B I B L I O G R A P H Y

CORDILLERAN ENGINEERING

1981 Geological and Geochemical Report on Way 1-23, Bull 1-5, Climax 1-11, Post 2 and Macc Mineral Claims, Liard Mining Division, B.C. Assessment Report submitted to British Columbia Ministry of Energy, Mines and Petroleum Resources, December, 1981.

1982 Geological, Geochemical, Geophysical and Drilling Report on Way 1-33, Bull 1-6, Climax 1-11, Post 1-10 and Macc Claims, Liard Mining Division, B.C. Assessment Report submitted to British Columbia Ministry of Energy, Mines and Petroleum Resources, January, 1983.

1983 Diamond Drilling Report on Way 1-24, Bull 1-27, Climax 1-16, Post 1-16, Beth 1-4, Star 2-3, Renee 1 and Toots 4 Claims, Liard Mining Division, B.C. Assessment Report submitted to British Columbia Ministry of Energy, Mines and Petroleum Rewources, January, 1984.

1984 Diamond Drilling and Physical Report on Way 1-35, Bull 1-27, Climax 1-16, Post 1-16, Beth 1-4, Star 2-3, Renee 1 and Toots 4 Claims, Liard Mining Division, B.C. Assessment Report submitted to British Columbia Ministry of Energy, Mines and Petroleum Resources, February, 1985.

GABRIELSE, H., 1969:
Geology of Jennings Map-area, British Columbia (104-O). Geol. Survey of Canada, Paper 68-55.

GORDEY, S.P., GABRIELSE, H., and ORCHARD, M.J., 1982a:

Stratigaphy and structure of Sylvester Allochthon, southwest McDame Map area, northeastern British Columbia. In: Current Research, Part B, Geol. Survey of Canada, Paper 82-1B, 101-106.

TEMPLEMAN-KLUIT, D.J., and BLUSSON, S.L., 1977:

Pelly-Cassiar Platform and Selwyn basin: Neither without the other. Geol. Ass. Canada, Annual Meeting, Prog. with Abstract, 2, 52.

CORDILLERAN ENGINEERING

1980 GUINNESS TOWER. 1055 WEST HASTINGS STREET, VANCOUVER, B.C. V6E 2E9 TEL: (604) 681-8381

CHAPTER 11

STATEMENT OF QUALIFICATIONS

I, J. J. Hylands, hereby certify that:

1. I am a geologist employed by Cordilleran Engineering of 1980-1055 West Hastings Street, Vancouver, B.C., V6E 2E9.

2. I am a graduate of the University of British Columbia (B.A.Sc., Geological Engienering, 1966).

3. I have engaged in the study and practice of mineral exploration since 1956, in Canada, the United States and the Phillippines.

4. I am the author of this report and a supervisor of the field work conducted on the Midway property during the period June 1 to October 19, 1986.

5. I am a Professional Engineer registered in the Province of British Columbia.

6. I have no beneficial interest in the claims covered by this report or in Regional Resources Ltd.

CORDILLERAN ENGINEERING

J. J. Hylands, P. Eng.

JJH/z
January 15, 1986

APPENDIX "A"

A N A L Y S I S R E C O R D S H E E T S

SOIL GEOCHEMISTRY

Bondar-Clegg & Company Ltd.
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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
S1 3000E 2800N		240	510	<0.2
S1 3000E 2900N		105	289	<0.2
S1 3000E 3000N		46	202	0.2
S1 3000E 3100N		67	227	0.7
S1 3000E 3200N		44	221	<0.2
S1 3000E 3300N		45	364	0.2
S1 3000E 3400N		40	219	0.2
S1 3100E 2400N		25	237	0.3
S1 3100E 2500N		27	355	0.4
S1 3100E 2600N		24	287	0.6
S1 3100E 2700N		26	153	<0.2
S1 3100E 2800N		24	158	<0.2
S1 3100E 2900N		40	223	0.6
S1 3100E 3000N		10	52	0.9
S1 3100E 3100N		30	111	<0.2
S1 3100E 3200N		31	92	<0.2
S1 3100E 3300N		31	127	0.4
S1 3100E 3400N		54	105	0.4
S1 3200E 2400N		24	372	<0.2
S1 3200E 2500N		19	381	0.7
S1 3200E 2600N		25	241	<0.2
S1 3200E 2700N		22	150	<0.2
S1 3200E 2800N		28	179	0.8
S1 3200E 2900N		14	43	0.5
S1 3200E 3000N		57	110	0.7
S1 3200E 3100N		10	20	0.6
S1 3200E 3200N		11	28	0.2
S1 3200E 3300N		10	20	0.3
S1 3200E 3400N		18	30	<0.2
S1 3300E 2400N		24	295	<0.2
S1 3300E 2500N		19	197	0.4
S1 3300E 2600N		28	267	1.2
S1 3300E 2700N		22	160	<0.2
S1 3300E 2800N		24	232	0.2
S1 3300E 2900N		27	271	0.4
S1 3300E 3000N		20	182	0.4
S1 3300E 3100N		23	137	<0.2
S1 3300E 3200N		23	109	1.4
S1 3300E 3300N		21	148	0.2
S1 3300E 3400N		24	129	0.4
S1 3400E 2500N		27	378	0.2
S1 3400E 2600N		15	79	0.4
S1 3400E 2700N		16	228	0.5
S1 3400E 2800N		18	184	0.5
S1 3400E 2900N		33	94	0.3
S1 3400E 3000N		20	225	0.6
S1 3400E 3100N		21	170	0.5
S1 3400E 3300N		17	62	<0.2
S1 3400E 3400N		22	64	<0.2
S1 3500E 2500N		25	343	0.5
S1 3500E 2600N		25	348	<0.2
S1 3500E 2700N		30	108	<0.2
S1 3500E 2800N		12	120	<0.2
S1 3500E 2900N		22	221	<0.2
S1 3500E 3000N		24	163	<0.2
S1 3500E 3100N		10	58	0.8
S1 3500E 3200N		18	58	0.5
S1 3500E 3300N		16	71	0.4
S1 3500E 3400N		18	50	<0.2
S1 3600E 2600N		24	385	<0.2
S1 3600E 2700N		41	249	<0.2
S1 3600E 2800N		26	223	<0.2
S1 3600E 2900N		21	189	<0.2
S1 3600E 3000N		4	44	<0.2
S1 3600E 3100N		25	179	<0.2
S1 3600E 3200N		8	20	<0.2
S1 3600E 3300N		12	40	1.2
S1 3600E 3400N		17	48	0.4
S1 3700E 2800N		25	150	0.4
S1 3700E 2900N		14	122	<0.2
S1 3700E 3000N		20	101	0.6
S1 3700E 3100N		23	104	0.4
S1 3700E 3200N		16	157	0.2
S1 3700E 3300N		12	42	<0.2
S1 3700E 3400N		14	46	0.2
S1 3800E 2800N		24	272	0.8
S1 3800E 2900N		17	143	0.4
S1 3800E 3000N		18	153	0.4
S1 3800E 3100N		22	128	0.3
S1 3800E 3200N		25	187	0.4

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
S1 3800E 3300N		17	72	<0.2
S1 3800E 3400N		12	52	<0.2
S1 3900E 2800N		30	190	0.9
S1 3900E 2900N		22	134	0.8
S1 3900E 3000N		23	138	0.4
S1 3900E 3100N		22	106	0.4
S1 3900E 3200N		77	288	0.6
S1 3900E 3300N		17	84	<0.2
S1 3900E 3400N		16	102	<0.2
S1 4000E 2800N		20	147	0.2
S1 4000E 2900N		26	209	0.6
S1 4000E 3000N		29	163	0.8
S1 4000E 3100N		25	72	0.2
S1 4000E 3200N		42	229	1.1
S1 4000E 3300N		20	33	<0.2
S1 4000E 3400N		10	62	<0.2
S1 4100E 2700N		24	286	1.2
S1 4100E 2800N		27	227	0.7
S1 4100E 2900N		28	148	1.2
S1 4100E 3000N		23	101	0.4
S1 4100E 3100N		29	155	0.5
S1 4100E 3200N		30	30	<0.2
S1 4100E 3300N		21	89	0.2
S1 4100E 3400N		11	34	<0.2
S1 4200E 2600N		13	100	<0.2
S1 4200E 2700N		21	259	0.9
S1 4200E 2800N		18	101	0.2
S1 4200E 2900N		16	157	<0.2
S1 4200E 3000N		32	175	0.5
S1 4200E 3100N		17	139	<0.2
S1 4200E 3200N		13	129	<0.2
S1 4200E 3300N		18	34	<0.2
S1 4200E 3400N		15	39	<0.2
S1 4300E 3100N		30	201	0.8
S1 4300E 3200N		19	56	0.2
S1 4300E 3300N		15	84	<0.2
S1 4300E 3400N		16	93	0.2
S1 4400E 3100N		21	98	<0.2
S1 4400E 3200N		14	58	<0.2
S1 4400E 3300N		9	112	<0.2
S1 4400E 3400N		22	125	0.2
S1 4500E 3100N		13	37	<0.2
S1 4500E 3200N		12	35	<0.2
S1 4500E 3300N		10	47	<0.2
S1 4500E 3400N		14	47	0.2
S1 4600E 3100N		15	99	0.2
S1 4600E 3200N		16	40	0.9
S1 4600E 3300N		12	44	<0.2
S1 4600E 3400N		13	49	<0.2
S1 4700E 3100N		10	16	0.2
S1 4700E 3200N		11	29	<0.2
S1 4700E 3300N		14	62	<0.2
S1 4700E 3400N		4	7	<0.2

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
S1 1700E-2200N		13	133	0.3
S1 1700E-2300N		12	124	0.2
S1 1700E-2400N		16	157	0.2
S1 1700E-2500N		15	125	0.3
S1 1700E-2600N		24	278	0.2
S1 1700E-2700N		31	94	0.2
S1 1700E-2800N		35	95	0.3
S1 1700E-2900N		26	61	0.2
S1 1700E-3000N		28	70	0.6
S1 1700E-3100N		28	130	0.7
S1 1700E-3200N		43	352	0.8
S1 1700E-3300N		55	312	0.8
S1 1700E-3400N		16	85	0.2
S1 1700E-3500N		26	245	0.5
S1 1700E-3600N		22	138	0.2
S1 1900E-2200N		35	252	0.6
S1 1900E-2300N		17	138	0.2
S1 1900E-2400N		22	160	<0.2
S1 1900E-2500N		32	247	0.2
S1 1900E-2600N		38	345	0.4
S1 1900E-2700N		16	61	<0.2
S1 1900E-2800N		30	44	0.2
S1 1900E-2900N		42	99	0.4
S1 1900E-3000N		36	106	0.4
S1 2400E-2200N		14	83	0.2
S1 2400E-2300N		25	116	<0.2
S1 2400E-2400N		33	152	<0.2
S1 2400E-2500N		38	99	0.4
S1 2400E-2600N		20	66	0.3
S1 2400E-2700N		25	172	<0.2
S1 2400E-2800N		22	338	1.0
S1 2400E-2900N		37	540	1.3
S1 2400E-3000N		15	185	0.5
S1 2400E-3100N		45	430	0.6
S1 2400E-3200N		19	105	<0.2
S1 2400E-3300N		70	67	0.8
S1 2400E-3400N		130	435	1.2
S1 2600E-2200N		14	43	<0.2
S1 2600E-2300N		14	65	<0.2
S1 2600E-2400N		23	243	0.6
S1 2600E-2500N		27	410	0.4
S1 2600E-2600N		23	175	0.4
S1 2600E-2700N		29	223	0.8
S1 2600E-2800N		27	213	0.3
S1 2600E-2900N		74	555	1.2
S1 2600E-3000N		70	366	0.6
S1 2600E-3100N		122	193	1.0
S1 2600E-3200N		45	43	2.8
S1 2600E-3300N		80	475	0.8
S1 2600E-3400N		40	379	0.9
S1 2700E-2200N		10	54	0.3
S1 2700E-2300N		13	21	0.3
S1 2700E-2400N		30	376	0.8
S1 2700E-2500N		32	289	0.2
S1 2700E-2600N		40	290	1.0
S1 2700E-2700N		32	210	0.8
S1 2700E-2800N		32	199	0.4
S1 2700E-2900N		46	180	0.5
S1 2700E-3000N		81	265	1.0
S1 2700E-3100N		48	304	0.6
S1 2700E-3200N		52	895	0.7
S1 2700E-3300N		25	154	0.3
S1 2700E-3400N		68	282	0.8
S1 2800E-2200N		16	94	<0.2
S1 2800E-2300N		12	47	<0.2
S1 2800E-2400N		38	116	0.3
S1 2800E-2500N		19	67	0.3
S1 2800E-2600N		12	179	0.4
S1 2800E-2700N		33	302	0.5
S1 2800E-2800N		39	575	1.0
S1 2800E-2900N		25	138	0.6
S1 2800E-3000N		45	221	0.7
S1 2800E-3100N		52	321	1.2
S1 2800E-3200N		35	250	0.6
S1 2800E-3300N		25	338	0.4
S1 2800E-3400N		37	307	0.6
S1 2900E-2300N		25	211	0.8
S1 2900E-2400N		53	342	0.8
S1 2900E-2500N		163	415	1.2
S1 2900E-2600N		18	79	0.3

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
S1 2900E-2700N		37	315	0.4
S1 2900E-2800N		400	880	2.4
S1 2900E-2900N		310	785	2.0
S1 2900E-3000N		60	297	0.5
S1 2900E-3100N		61	305	0.6
S1 2900E-3200N		56	253	0.6
S1 2900E-3300N		55	455	0.6
S1 2900E-3400N		29	188	0.4
S1 3000E-2300N		22	202	0.7
S1 3000E-2400N		25	150	0.6
S1 3000E-2500N		29	278	0.8
S1 3000E-2600N		16	58	0.3
S1 3000E-2700N		106	278	1.2

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Geochemical Lab Report

REPORT: 126-3013 PROJECT: MIDWAY

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
S4 1800E 2200N		13	70	<0.2
S4 1800E 2300N		15	124	0.4
S4 1800E 2400N		18	133	0.2
S4 1800E 2500N		25	173	0.7
S4 1800E 2600N		35	188	0.2
S4 1800E 2700N		45	100	0.5
S4 1800E 2800N		27	60	<0.2
S4 1800E 2900N		45	138	0.6
S4 1800E 3000N		24	68	0.2
S4 1800E 3100N		28	108	0.4
S4 1800E 3200N		22	212	0.2
S4 1800E 3300N		37	272	0.5
S4 1800E 3400N		18	38	0.3
S4 1800E 3500N		27	180	0.6
S4 1800E 3600N		27	274	0.4
S4 2000E 2200N		26	208	0.3
S4 2000E 2300N		37	220	0.4
S4 2000E 2400N		21	138	0.4
S4 2000E 2500N		34	260	0.2
S4 2000E 2600N		21	110	<0.2
S4 2000E 2700N		30	100	<0.2
S4 2000E 2800N		27	165	0.4
S4 2000E 2900N		33	136	0.7
S4 2000E 3000N		29	62	<0.2
S4 2100E 2200N		30	196	1.0
S4 2100E 2300N		25	180	0.2
S4 2100E 2400N		41	112	0.2
S4 2100E 2500N		36	80	0.4
S4 2100E 2600N		40	32	0.3
S4 2100E 2700N		25	122	0.2
S4 2100E 2800N		48	250	0.6
S4 2100E 2900N		41	314	0.7
S4 2100E 3000N		875	316	1.8
S4 2200E 2200N		9	20	<0.2
S4 2200E 2300N		27	73	0.2
S4 2200E 2400N		20	52	0.2
S4 2200E 2500N		24	30	<0.2
S4 2200E 2600N		17	48	<0.2
S4 2200E 2700N		29	354	0.5
S4 2200E 2800N		27	530	0.6
S4 2200E 2900N		26	228	0.3
S4 2200E 3000N		15	30	<0.2
S4 2200E 3100N		16	38	<0.2
S4 2200E 3200N		13	22	<0.2
S4 2200E 3300N		26	170	0.5
S4 2200E 3400N		48	500	3.6
S4 2300E 2200N		33	120	<0.2
S4 2300E 2300N		31	174	<0.2
S4 2300E 2400N		40	102	0.2
S4 2300E 2500N		30	104	<0.2
S4 2300E 2600N		23	83	0.5
S4 2300E 2700N		24	108	0.6
S4 2300E 2800N		35	500	1.4
S4 2300E 2900N		28	98	0.2
S4 2300E 3000N		23	102	<0.2
S4 2300E 3100N		34	164	0.6
S4 2300E 3200N		18	73	0.4
S4 2300E 3300N		23	80	0.2
S4 2300E 3400N		42	235	1.6
S4 2500E 2200N		18	73	<0.2
S4 2500E 2300N		32	182	<0.2
S4 2500E 2400N		27	97	0.2
S4 2500E 2500N		24	96	<0.2
S4 2500E 2600N		27	250	0.4
S4 2500E 2700N		26	232	0.5
S4 2500E 2800N		23	200	0.6
S4 2500E 2900N		42	276	0.8
S4 2500E 3000N		51	180	0.8
S4 2500E 3100N		46	132	0.8
S4 2500E 3200N		337	328	3.6
S4 2500E 3300N		84	74	1.5
S4 2500E 3400N		77	250	1.0
S4 3500N 3500E		24	40	<0.2
S4 3500N 3600E		26	54	<0.2
S4 3500N 3700E		12	74	<0.2
S4 3500N 3800E		28	57	<0.2
S4 3500N 3900E		19	96	<0.2
S4 3500N 4000E		12	60	<0.2
S4 3500N 4100E		14	82	0.2
S4 3500N 4200E		13	32	<0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
S4 3500N 4300E		14	84	0.3
S4 3500N 4400E		8	30	<0.2
S4 3500N 4500E		12	42	<0.2
S4 3500N 4600E		8	52	<0.2
S4 3500N 4700E		28	106	<0.2
S4 3500N 4800E		3	33	0.4
S4 3700E 3500E		16	86	0.4
S4 3700E 3600E		20	20	<0.2
S4 3700E 3700E		16	64	<0.2
S4 3700E 3800E		18	70	<0.2
S4 3700E 3900E		14	122	<0.2
S4 3700E 4000E		16	116	<0.2
S4 3700E 4100E		41	320	0.2
S4 3700E 4200E		28	620	<0.2
S4 3700E 4300E		20	86	<0.2
S4 3700E 4400E		16	68	<0.2
S4 3700E 4500E		47	470	0.4
S4 3700E 4600E		42	660	0.4
S4 3700E 4700E		31	112	<0.2
S4 3700E 4800E		14	60	<0.2
S4 3800N 3500E		24	120	0.4
S4 3800N 3600E		27	120	0.2
S4 3800N 3700E		36	124	<0.2
S4 3800N 3800E		28	130	0.2
S4 3800N 3900E		50	420	0.4
S4 3800N 4000E		21	37	<0.2
S4 3800N 4100E		22	53	<0.2
S4 3800N 4200E		21	75	<0.2
S4 3800N 4300E		55	180	0.2
S4 3800N 4400E		31	150	<0.2
S4 3800N 4500E		23	168	0.8
S4 3800N 4600E		26	266	0.2
S4 3800N 4700E		28	200	0.2
S4 3800N 4800E		19	74	<0.2
S4 3900N 3500E		19	72	<0.2
S4 3900N 3600E		19	88	1.6
S4 3900N 3700E		24	84	<0.2
S4 3900N 3800E		44	348	0.3
S4 3900N 3900E		19	80	<0.2
S4 3900N 4000E		25	140	<0.2
S4 3900N 4100E		18	68	<0.2
S4 3900N 4200E		18	68	0.2
S4 3900N 4300E		27	90	<0.2
S4 3900N 4400E		25	140	<0.2
S4 3900N 4500E		13	66	0.2
S4 3900N 4600E		18	64	0.2
S4 3900N 4700E		23	116	0.2
S4 3900N 4800E		20	440	0.2
S4 3950N 4400E		24	56	0.2
S4 3950N 4500E		15	96	<0.2
S4 3950N 4600E		20	84	<0.2
S4 3950N 4700E		23	49	0.2
S4 3950N 4800E		20	64	<0.2
S4 4000N 3500E		17	128	0.2
S4 4000N 3600E		26	135	<0.2
S4 4000N 3700E		40	370	0.4
S4 4000N 3800E		17	176	<0.2
S4 4000N 3900E		21	94	<0.2
S4 4000N 4000E		18	50	0.2
S4 4000N 4100E		30	296	<0.2
S4 4000N 4200E		17	54	0.2
S4 4000N 4300E		27	152	0.4
S4 4100N 3500E		32	112	0.4
S4 4100N 3600E		44	68	0.2
S4 4100N 3700E		43	124	<0.2
S4 4100N 3800E		24	128	<0.2
S4 4100N 3900E		22	84	<0.2
S4 4100N 4000E		38	113	<0.2
S4 4100N 4100E		29	284	0.6
S4 4100N 4200E		34	100	0.4
S4 4100N 4300E		22	98	0.2
S4 4150N 4400E		29	136	0.4
S4 4150N 4500E		24	50	0.2
S4 4150N 4600E		29	110	0.2
S4 4150N 4700E		22	2100	0.5
S4 4150N 4800E		28	144	0.8
S4 TH8-86		25	170	0.4

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 3500N 2400E		46	257	0.8
P4 3500N 2500E		64	104	1.0
P4 3500N 2600E		54	174	0.6
P4 3500N 2700E		38	184	0.6
P4 3500N 2800E		53	132	0.5
P4 3500N 2900E		48	190	0.4
P4 3500N 3000E		84	117	1.2
P4 3500N 3100E		27	79	0.2
P4 3500N 3200E		40	140	<0.2
P4 3500N 3300E		33	168	<0.2
P4 3500N 3400E		28	175	<0.2
P4 3600N 2400E		30	131	0.5
P4 3600N 2500E		55	164	0.6
P4 3600N 2600E		39	172	0.4
P4 3600N 2700E		56	130	0.6
P4 3600N 2800E		37	108	0.4
P4 3600N 2900E		29	100	0.2
P4 3600N 3000E		33	141	0.2
P4 3600N 3100E		50	184	0.2
P4 3600N 3200E		32	124	<0.2
P4 3600N 3300E		39	142	0.6
P4 3600N 3400E		24	156	<0.2
P4 3600N 3500E		23	91	0.2
P4 3600N 3600E		24	73	0.2
P4 3600N 3700E		19	76	<0.2
P4 3600N 3800E		28	90	0.3
P4 3600N 3900E		28	114	<0.2
P4 3600N 4000E		26	102	0.2
P4 3600N 4100E		16	52	<0.2
P4 3600N 4200E		23	52	<0.2
P4 3600N 4300E		43	160	0.9
P4 3600N 4400E		20	324	<0.2
P4 3600N 4500E		40	535	0.6
P4 3600N 4600E		45	198	0.2
P4 3600N 4700E		13	88	<0.2
P4 3600N 4800E		42	394	0.2
P4 3700N 1700E		22	258	0.2
P4 3700N 1800E		49	430	1.0
P4 3700N 2000E		22	133	0.2
P4 3700N 2100E		28	253	0.6
P4 3700N 2200E		128	320	1.4
P4 3700N 2300E		63	156	0.2
P4 3700N 2400E		48	131	0.2
P4 3700N 2400EA		51	48	0.2
P4 3700N 2500E		79	156	0.2
P4 3700N 2600E		36	124	0.2
P4 3700N 2700E		31	160	<0.2
P4 3700N 2800E		65	265	0.8
P4 3700N 2900E		37	164	0.3
P4 3700N 3000E		27	150	<0.2
P4 3700N 3100E		26	144	0.2
P4 3700N 3200E		24	90	<0.2
P4 3700N 3300E		28	112	0.2
P4 3700N 3400E		33	146	0.2
P4 3900N 1700E		20	164	0.4
P4 3900N 1800E		20	550	0.2
P4 3900N 1900E		67	430	0.5
P4 3900N 2000E		47	212	1.0
P4 3900N 2100E		55	134	1.4
P4 3900N 2200E		46	88	1.1
P4 3900N 2300E		36	208	<0.2
P4 3900N 2400E		22	49	<0.2
P4 3900N 2500E		31	174	0.3
P4 3900N 2600E		22	180	0.2
P4 3900N 2700E		28	123	0.4
P4 3900N 2800E		48	144	0.2
P4 3900N 2900E		35	202	0.5
P4 3900N 3000E		29	175	0.2
P4 3900N 3100E		29	163	0.9
P4 3900N 3200E		39	108	<0.2
P4 3900N 3300E		37	137	0.2
P4 3900N 3400E		35	178	<0.2
P4 3900N 1700E		34	292	0.2
P4 3900N 1800E		93	500	1.0
P4 3900N 2000E		33	70	0.4
P4 3900N 2100E		19	100	0.5
P4 3900N 2200E		24	30	<0.2
P4 3900N 2300E		16	60	<0.2
P4 3900N 2400E		20	79	<0.2
P4 3900N 2500E		21	140	<0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 3900N 2600E		16	100	<0.2
P4 3900N 2700E		14	150	0.3
P4 3900N 2800E		29	170	<0.2
P4 3900N 2900E		30	155	0.3
P4 3900N 3000E		19	230	<0.2
P4 3900N 3100E		21	190	0.2
P4 3900N 3200E		24	138	<0.2
P4 3900N 3300E		19	108	0.2
P4 3900N 3400E		23	92	<0.2
P4 4000N 1700E		41	380	0.8
P4 4000N 1800E		37	350	0.8
P4 4000N 1900E		38	180	0.4
P4 4000N 2000E		33	270	0.6
P4 4000N 2100E		33	90	0.3
P4 4000N 2200E		14	10	0.3
P4 4000N 2300E		24	140	0.2
P4 4000N 2400E		18	120	<0.2
P4 4000N 2500E		28	144	<0.2
P4 4000N 2600E		21	114	<0.2
P4 4000N 2700E		27	110	<0.2
P4 4000N 2800E		37	142	0.2
P4 4000N 2900E		14	104	0.2
P4 4000N 3000E		23	106	0.2
P4 4000N 3100E		20	214	0.2
P4 4000N 3200E		21	54	0.2
P4 4000N 3300E		19	128	<0.2
P4 4000N 3400E		18	116	0.2
P4 4000N 4400E		13	64	<0.2
P4 4000N 4500E		30	89	<0.2
P4 4000N 4600E		21	70	0.2
P4 4000N 4700E		20	82	<0.2
P4 4100N 1700E		30	194	0.5
P4 4100N 1800E		22	314	0.4
P4 4100N 1900E		21	50	0.2
P4 4100N 2000E		19	320	0.3
P4 4100N 2100E		20	108	0.2
P4 4100N 2200E		35	306	0.7
P4 4100N 2300E		22	102	0.6
P4 4100N 2400E		10	38	<0.2
P4 4100N 2500E		6	48	<0.2

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 4100N 2600E		17	140	0.6
P4 4100N 2700E		3	28	<0.2
P4 4100N 2800E		21	160	0.4
P4 4100N 2900E		31	110	<0.2
P4 4100N 3000E		24	290	0.3
P4 4100N 3100E		31	174	<0.2
P4 4100N 3200E		22	138	0.2
P4 4100N 3300E		24	250	0.2
P4 4100N 3400E		37	180	<0.2
P4 4100N 4400E		24	76	0.2
P4 4100N 4500E		15	74	<0.2
P4 4100N 4600E		29	96	0.2
P4 4100N 4700E		17	2500	0.2
P4 4100N 4800E		30	630	0.8
P4 4200N 1700E		14	114	0.2
P4 4200N 1800E		21	94	0.5
P4 4200N 1900E		25	222	0.3
P4 4200N 2000E		23	224	0.8
P4 4200N 2200E		21	110	0.4
P4 4200N 2400E		17	136	0.9
P4 4200N 2500E		16	80	0.2
P4 4200N 2600E		38	230	0.4
P4 4200N 2700E		15	166	0.4
P4 4200N 2800E		25	140	0.3
P4 4200N 2900E		25	138	<0.2
P4 4200N 3000E		14	70	<0.2
P4 4200N 3100E		27	108	<0.2
P4 4200N 3200E		15	54	<0.2
P4 4200N 3300E		30	126	<0.2
P4 4200N 3400E		16	68	<0.2
P4 4200N 3500E		25	84	0.3
P4 4300N 1700E		16	290	<0.2
P4 4300N 1800E		30	350	0.9
P4 4300N 1900E		44	270	0.4
P4 4300N 2000E		24	268	0.5
P4 4300N 2100E		39	334	0.6
P4 4300N 2200E		25	220	0.3
P4 4300N 2400E		25	210	0.5
P4 4300N 2500E		17	300	0.5
P4 4300N 2600E		32	255	0.4

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 4300N 2700E		25	104	<0.2
P4 4300N 2800E		15	59	<0.2
P4 4300N 2900E		26	70	<0.2
P4 4300N 3000E		20	318	0.2
P4 4300N 3100E		32	124	<0.2
P4 4300N 3200E		22	40	<0.2
P4 4300N 3300E		20	84	<0.2
P4 4300N 3400E		48	400	0.4
P4 4300N 3500E		43	64	<0.2
P4 4400N 1600E		40	280	0.5
P4 4400N 1700E		14	28	<0.2
P4 4400N 1800E		23	116	0.8
P4 4400N 1900E		<2	14	0.2
P4 4400N 2000E		22	60	0.7
P4 4400N 2100E		5	24	0.2
P4 4400N 2200E		17	250	0.4
P4 4400N 2300E		24	188	0.4
P4 4400N 2400E		32	490	0.6
P4 4400N 2500E		39	134	<0.2
P4 4400N 2600E		40	300	0.4
P4 4400N 2700E		12	76	<0.2
P4 4400N 2800E		44	170	<0.2
P4 4400N 2900E		16	110	<0.2
P4 4400N 3000E		22	88	<0.2
P4 4400N 3100E		21	64	<0.2
P4 4400N 3200E		19	136	<0.2
P4 4400N 3400E		26	144	<0.2
P4 4400N 3500E		27	104	<0.2
P4 4450N 2400E		33	230	0.2
P4 4450N 2500E		6	28	<0.2
P4 4450N 2600E		40	240	<0.2
P4 4450N 2700E		26	120	<0.2
P4 4450N 2800E		26	236	0.4
P4 4450N 2900E		26	170	0.4
P4 4500N 1600E		30	220	0.6
P4 4500N 1700E		26	132	0.4
P4 4500N 1800E		15	98	0.3
P4 4500N 1900E		18	90	0.6
P4 4500N 2000E		7	50	0.2
P4 4500N 2100E		55	290	0.7
P4 4500N 2200E		34	200	0.5
P4 4500N 2300E		55	330	0.5
P4 4500N 2400E		43	350	<0.2
P4 4500N 2500E		50	230	0.2
P4 4500N 2600E		52	214	<0.2
P4 4500N 2700E		38	166	<0.2
P4 4500N 2800E		31	160	<0.2
P4 4500N 2900E		36	250	0.4
P4 4500N 3000E		30	170	<0.2
P4 4500N 3100E		74	530	0.3
P4 4500N 3200E		24	150	0.5
P4 4500N 3300E		23	148	<0.2
P4 4500N 3400E		25	180	<0.2
P4 4500N 3500E		21	84	<0.2
P4 4600N 1600E		74	260	0.6
P4 4600N 1700E		29	108	<0.2
P4 4600N 1800E		26	164	0.2
P4 4600N 1900E		48	320	0.6
P4 4600N 2000E		28	170	0.2
P4 4600N 2100E		42	256	0.3
P4 4600N 2200E		32	172	1.1
P4 4600N 2300E		45	198	0.3
P4 4600N 2400E		49	232	0.3
P4 4600N 2500E		43	250	0.4
P4 4600N 2600E		33	230	0.5
P4 4600N 2700E		32	144	<0.2
P4 4600N 2800E		19	224	0.2
P4 4600N 2900E		8	54	<0.2
P4 4600N 3000E		40	300	<0.2
P4 4600N 3100E		39	1950	0.8
P4 4600N 3200E		17	94	<0.2
P4 4600N 3300E		34	135	0.2
P4 4600N 3400E		32	96	<0.2
P4 4600N 3500E		46	116	<0.2
P4 4700N 1600E		33	172	0.4
P4 4700N 1700E		25	140	0.2
P4 4700N 1800E		31	224	0.2
P4 4700N 1900E		18	72	0.4
P4 4700N 2000E		4	59	0.5
P4 4700N 2100E		17	148	0.5

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 4700N 2200E		23	250	0.2	P4 5200N 2200E		57	700	<0.2
P4 4700N 2300E		44	264	0.5	P4 5200N 2300E		68	370	0.3
P4 4700N 2400E		43	330	0.5	P4 5200N 2400E		31	124	<0.2
P4 4800N 1600E		38	189	0.3	P4 5300N 1600E		53	224	0.2
P4 4800N 1700E		26	156	0.2	P4 5300N 1800E		36	172	<0.2
P4 4800N 1800E		37	190	0.4	P4 5300N 1900E		36	346	0.4
P4 4800N 1900E		26	189	0.8	P4 5300N 2000E		55	296	<0.2
P4 4800N 2000E		29	184	0.4	P4 5300N 2100E		47	164	0.2
P4 4800N 2100E		40	230	0.4	P4 5300N 2200E		42	172	<0.2
P4 4800N 2200E		49	290	0.2	P4 5300N 2300E		36	194	0.2
P4 4800N 2400E		42	208	<0.2	P4 5300N 2400E		17	128	<0.2
P4 4900N 1600E		22	78	<0.2	P4 5400N 1600E		20	130	0.4
P4 4900N 1700E		24	180	0.2	P4 5400N 1700E		20	182	0.2
P4 4900N 1800E		12	24	<0.2	P4 5400N 1800E		23	140	<0.2
P4 4900N 1900E		6	68	<0.2	P4 5400N 1900E		15	52	0.2
P4 4900N 2000E		26	56	0.2	P4 5400N 2000E		25	110	<0.2
P4 4900N 2100E		18	36	0.3	P4 5400N 2100E		12	40	<0.2
P4 4900N 2200E		9	88	<0.2	P4 5400N 2200E		13	46	<0.2
P4 5000N 1600E		43	210	0.5	P4 5400N 2300E		13	110	<0.2
P4 5000N 1700E		59	320	<0.2	P4 5400N 2400E		20	108	<0.2
P4 5000N 1800E		35	230	0.5	P4 5500N 1600E		19	60	0.8
P4 5000N 1900E		36	184	<0.2	P4 5500N 1700E		12	48	<0.2
P4 5000N 2000E		37	180	0.2	P4 5500N 1800E		41	106	<0.2
P4 5000N 2100E		46	230	0.4	P4 5500N 1900E		13	72	<0.2
P4 5000N 2200E		28	168	0.3	P4 5500N 2000E		13	58	<0.2
P4 5000N 2400E		31	150	0.3	P4 5500N 2100E		10	35	<0.2
P4 5100N 1600E		23	136	0.2	P4 5500N 2200E		20	110	<0.2
P4 5100N 1700E		29	178	0.4	P4 5500N 2300E		11	60	<0.2
P4 5100N 1800E		29	160	0.2	P4 5500N 2400E		13	79	<0.2
P4 5100N 1900E		21	112	<0.2	P4 5600N 1600E		18	170	<0.2
P4 5100N 2000E		26	100	<0.2	P4 5600N 1700E		18	92	<0.2
P4 5100N 2100E		29	108	<0.2	P4 5600N 1800E		16	120	0.2
P4 5100N 2200E		38	100	0.2	P4 5600N 1900E		15	100	<0.2
P4 5100N 2300E		27	144	0.2	P4 5600N 2000E		15	128	<0.2
P4 5200N 1600E		39	152	0.6	P4 5600N 2100E		13	220	<0.2
P4 5200N 1700E		40	200	0.2	P4 5600N 2200E		22	180	<0.2
P4 5200N 1800E		41	272	0.4	P4 5600N 2300E		19	260	<0.2
P4 5200N 1900E		26	152	<0.2	P4 5600N 2400E		23	182	<0.2
P4 5200N 2000E		53	340	0.2	P4 5700N 1600E		14	300	0.2
P4 5200N 2100E		37	216	0.3	P4 5700N 1700E		17	170	0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 5700N 1800E		27	252	0.3
P4 5700N 1900E		16	174	0.5
P4 5700N 2000E		18	244	0.2
P4 5700N 2100E		19	186	0.2
P4 5700N 2200E		23	150	0.2
P4 5700N 2300E		14	140	<0.2
P4 5700N 2400E		15	130	<0.2
P4 5800N 1600E		19	140	0.4
P4 5800N 1700E		27	270	0.8
P4 5800N 1800E		27	280	0.4
P4 5800N 1900E		18	200	0.2
P4 5800N 2000E		21	156	<0.2
P4 5800N 2100E		15	112	0.4
P4 5800N 2200E		14	146	<0.2
P4 5800N 2300E		10	104	<0.2
P4 5800N 2400E		27	176	0.2
P4 5900N 1600E		18	166	0.4
P4 5900N 1700E		26	344	0.5
P4 5900N 1800E		15	149	0.4
P4 5900N 1900E		15	170	0.2
P4 5900N 2000E		15	230	0.2
P4 5900N 2100E		16	122	0.3
P4 5900N 2200E		24	230	0.6
P4 5900N 2300E		16	116	0.3
P4 5900N 2400E		35	184	0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 16800N 15200E		16	126	0.2
P4 16800N 15250E		17	113	0.3
P4 16800N 15300E		22	99	0.2
P4 16800N 15350E		18	87	0.3
P4 16800N 15400E		16	114	0.4
P4 16800N 15450E		12	70	0.2
P4 16800N 15500E		15	34	<0.2
P4 16800N 15550E		21	105	0.8
P4 16800N 15600E		23	105	0.2
P4 16800N 15650E		27	138	0.6
P4 16800N 15700E		15	124	0.5
P4 16800N 15750E		16	117	0.4
P4 16800N 15800E		15	150	0.4
P4 16800N 15850E		21	78	0.3
P4 16800N 15900E		25	94	0.2
P4 16800N 15950E		24	202	0.2
P4 16800N 16000E		19	218	0.2
P4 16800N 16050E		21	114	0.2
P4 16800N 16100E		15	86	0.3
P4 16800N 16150E		20	92	<0.2
P4 16800N 16200E		13	78	0.2
P4 16800N 16250E		21	140	<0.2
P4 16800N 16300E		23	90	0.2
P4 16800N 16350E		27	108	<0.2
P4 16800N 16400E		18	112	<0.2
P4 16800N 16450E		21	112	0.5
P4 16800N 16500E		13	72	<0.2
P4 16800N 16550E		12	58	0.2
P4 16800N 16600E		16	106	<0.2
P4 16800N 16650E		13	80	<0.2
P4 16800N 16700E		18	84	0.2
P4 16800N 16750E		11	64	<0.2
P4 16800N 16800E		15	78	<0.2
P4 16800N 16850E		12	62	<0.2
P4 16800N 16900E		13	56	<0.2
P4 16800N 16950E		17	46	0.3
P4 16800N 17000E		14	68	<0.2
P4 16800N 17050E		12	83	<0.2
P4 16800N 17100E		15	96	<0.2
P4 16800N 17150E		15	102	<0.2
P4 16800N 17200E		12	68	<0.2
P4 16800N 17250E		15	76	<0.2
P4 16800N 17300E		13	56	0.4
P4 16800N 17350E		13	96	0.4
P4 16800N 17400E		13	86	0.2
P4 17000N 15500E		16	152	0.4
P4 17000N 15550E		15	120	<0.2
P4 17000N 15600E		15	100	<0.2
P4 17000N 15650E		48	139	0.8
P4 17000N 15700E		17	128	<0.2
P4 17000N 15750E		14	44	<0.2
P4 17000N 15800E		16	84	<0.2
P4 17000N 15850E		13	96	<0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 17000N 15900E		17	84	<0.2	P4 17200N 15650E		10	40	<0.2
P4 17000N 15950E		17	120	0.2	P4 17200N 15700E		16	76	<0.2
P4 17000N 16000E		14	80	0.4	P4 17200N 15750E		17	102	<0.2
P4 17000N 16050E		23	168	0.2	P4 17200N 15800E		17	84	<0.2
P4 17000N 16100E		16	90	0.2	P4 17200N 15850E		17	72	0.2
P4 17000N 16150E		27	116	0.2	P4 17200N 15900E		16	74	0.2
P4 17000N 16200E		25	120	<0.2	P4 17200N 15950E		10	52	0.2
P4 17000N 16250E		14	97	<0.2	P4 17200N 16000E		17	71	<0.2
P4 17000N 16300E		15	112	<0.2	P4 17200N 16050E		12	54	<0.2
P4 17000N 16350E		18	116	0.2	P4 17200N 16100E		18	65	<0.2
P4 17000N 16400E		25	120	<0.2	P4 17200N 16150E		20	139	<0.2
P4 17000N 16450E		20	124	0.2	P4 17200N 16200E		11	60	<0.2
P4 17000N 16500E		15	104	<0.2	P4 17200N 16250E		21	106	<0.2
P4 17000N 16550E		14	64	0.2	P4 17200N 16300E		5	44	<0.2
P4 17000N 16600E		13	50	<0.2	P4 17200N 16350E		8	58	0.2
P4 17000N 16650E		15	90	0.2	P4 17200E 16400E		14	76	<0.2
P4 17000N 16700E		17	85	0.4	P4 17200E 16450E		18	59	<0.2
P4 17000N 16750E		18	140	0.2	P4 17200E 16500E		8	30	0.2
P4 17000N 16800E		13	116	<0.2	P4 17200E 16550E		21	96	<0.2
P4 17000N 16850E		18	116	0.4	P4 17200E 16600E		6	27	<0.2
P4 17000N 16900E		15	84	<0.2	P4 17200E 16650E		20	98	<0.2
P4 17000N 16950E		12	78	0.2	P4 17200E 16700E		13	192	0.4
P4 17000N 17000E		13	96	<0.2	P4 17200E 16750E		15	120	0.2
P4 17000N 17050E		13	80	0.2	P4 17200E 16800E		16	142	0.2
P4 17000N 17100E		8	92	0.2	P4 17200E 16850E		27	390	0.2
P4 17000N 17150E		16	75	0.2	P4 17200E 16900E		14	112	0.3
P4 17000N 17200E		11	75	<0.2	P4 17200E 16950E		26	170	0.2
P4 17000N 17250E		9	52	0.2	P4 17200E 17000E		13	136	<0.2
P4 17000N 17300E		14	114	0.2	P4 17200N 17050E		74	620	2.8
P4 17000N 17350E		13	84	0.2	P4 17200N 17100E		16	92	<0.2
P4 17000N 17400E		13	70	0.2	P4 17200N 17150E		27	224	0.2
P4 17200N 15200E		10	40	0.4	P4 17200N 17200E		26	352	0.2
P4 17200N 15250E		12	58	0.2	P4 17200N 17250E		13	92	0.2
P4 17200N 15300E		16	52	<0.2	P4 17200N 17300E		17	170	0.2
P4 17200N 15350E		7	30	0.2	P4 17200N 17350E		9	115	0.2
P4 17200N 15400E		7	36	<0.2	P4 17200N 17400E		42	170	0.4
P4 17200N 15450E		12	50	<0.2	P4 17400N 15500E		7	34	0.4
P4 17200N 15500E		17	63	<0.2	P4 17400N 15550E		16	80	0.6
P4 17200N 15550E		16	64	0.2	P4 17400N 15600E		9	60	0.2
P4 17200N 15600E		18	90	0.6	P4 17400N 15650E		9	58	<0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 17400N 15700E		23	222	<0.2
P4 17400N 15750E		17	170	<0.2
P4 17400N 15800E		18	96	<0.2
P4 17400N 15850E		17	110	<0.2
P4 17400N 15900E		14	56	0.3
P4 17400N 15950E		17	68	<0.2
P4 17400N 16000E		13	52	0.2
P4 17400N 16050E		18	100	0.2
P4 17400N 16100E		20	108	<0.2
P4 17400N 16150E		12	68	<0.2
P4 17400N 16200E		7	48	<0.2
P4 17400N 16250E		4	32	<0.2
P4 17400N 16300E		18	76	<0.2
P4 17400N 16350E		18	112	<0.2
P4 17400N 16400E		23	80	0.2
P4 17400N 16450E		14	56	<0.2
P4 17400N 16500E		23	75	<0.2
P4 17400N 16550E		23	103	0.3
P4 17400N 16600E		19	71	0.2
P4 17400N 16650E		24	134	0.2
P4 17400N 16700E		29	295	1.0
P4 17400N 16750E		19	102	0.2
P4 17400N 16800E		25	162	0.6
P4 17400N 16850E		17	60	0.2
P4 17400N 16900E		7	48	<0.2
P4 17400N 16950E		19	94	<0.2
P4 17400N 17000E		17	96	<0.2
P4 17400N 17050E		14	66	<0.2
P4 17400N 17100E		12	173	<0.2
P4 17400N 17150E		15	220	<0.2
P4 17400N 17200E		15	150	<0.2
P4 17400N 17250E		20	108	<0.2
P4 17400N 17300E		22	116	0.2
P4 17400N 17350E		20	100	<0.2
P4 17400N 17400E		18	60	0.2

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 15200N 16500E		28	63	0.6
P4 15200N 16550E		24	150	0.6
P4 15200N 16600E		18	95	0.6
P4 15200N 16650E		19	90	0.5
P4 15200N 16700E		11	50	0.3
P4 15200N 16750E		19	20	0.7
P4 15200N 16800E		19	79	0.4
P4 15200N 16850E		20	108	0.4
P4 15200N 16900E		19	84	0.6
P4 15200N 16950E		17	70	0.5
P4 15200N 17000E		20	125	0.5
P4 15200N 17050E		18	171	0.5
P4 15200N 17100E		22	114	0.2
P4 15200N 17150E		43	122	0.2
P4 15200N 17200E		30	112	0.2
P4 15200N 17250E		35	151	0.4
P4 15200N 17300E		22	95	<0.2
P4 15200N 17350E		23	92	<0.2
P4 15200N 17400E		33	101	0.3
P4 15600N 16500E		21	161	0.9
P4 15600N 16550E		25	150	0.8
P4 15600N 16600E		24	121	0.3
P4 15600N 16650E		24	141	0.4
P4 15600N 16700E		20	121	0.4
P4 15600N 16750E		23	155	0.4
P4 15600N 16800E		23	141	0.2
P4 15600N 16850E		22	151	0.4
P4 15600N 16900E		18	51	<0.2
P4 15600N 16950E		18	40	0.4
P4 15600N 17000E		17	31	0.2
P4 15600N 17050E		16	126	0.3
P4 15600N 17100E		15	69	0.2
P4 15600N 17150E		22	127	0.5
P4 15600N 17200E		11	59	0.2
P4 15600N 17250E		16	109	0.4
P4 15600N 17300E		16	58	0.5
P4 15600N 17350E		13	44	0.3
P4 15600N 17400E		16	137	<0.2
P4 16000N 16100E		13	101	0.2
P4 16000N 16150E		12	69	0.2

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 16000N 16200E		15	134	0.7
P4 16000N 16250E		30	169	1.2
P4 16000N 16300E		26	188	0.4
P4 16000N 16350E		20	156	0.3
P4 16000N 16400E		20	121	0.5
P4 16000N 16450E		18	114	0.3
P4 16000N 16500E		20	101	0.2
P4 16000N 16550E		22	134	0.2
P4 16000N 16600E		20	127	0.3
P4 16000N 16650E		20	122	0.3
P4 16000N 16700E		22	103	0.4
P4 16000N 16750E		20	98	0.2
P4 16000N 16800E		24	125	0.4
P4 16000N 16850E		22	116	0.3
P4 16000N 16900E		25	160	0.7
P4 16000N 16950E		25	153	0.9
P4 16000N 17000E		24	130	0.4
P4 16000N 17050E		14	104	0.4
P4 16000N 17100E		18	100	0.6
P4 16000N 17150E		21	157	0.8
P4 16000N 17200E		22	116	0.3
P4 16000N 17300E		25	106	0.2
P4 16000N 17350E		26	138	0.4
P4 16000N 17400E		18	99	0.3
P4 16400N 16500E		22	124	0.4
P4 16400N 16550E		29	151	0.4
P4 16400N 16600E		24	174	1.0
P4 16400N 16750E		20	103	0.4
P4 16400N 16800E		22	146	0.5
P4 16400N 16900E		18	136	0.4
P4 16400N 16950E		20	152	0.4
P4 16400N 17000E		21	169	0.6
P4 16400N 17050E		17	114	0.4
P4 16400N 17100E		16	125	0.4
P4 16400N 17150E		14	110	0.4
P4 16400N 17200E		9	86	0.2
P4 16400N 17250E		14	114	0.2
P4 16400N 17300E		12	88	0.3
P4 16400N 17350E		17	116	0.5
P4 16400N 17400E		17	133	0.4

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P4 16400N 15700E		12	37	0.2
P4 16400N 15750E		16	71	0.3
P4 16400N 15800E		16	111	0.2
P4 16400N 15850E		22	102	0.3
P4 16400N 15900E		21	100	1.0
P4 16400N 15950E		20	159	1.0
P4 16400N 16000E		16	107	0.3
P4 16400N 16050E		18	255	0.3
P4 16400N 16100E		19	145	0.2
P4 16400N 16150E		17	95	0.2
P4 16400N 16200E		15	91	0.2
P4 16400N 16300E		19	128	0.4
P4 16400N 16350E		17	141	0.5
P4 16400N 16400E		18	94	0.2
P4 16400N 16450E		14	83	0.2

APPENDIX "B"

M A G N E T O M E T E R R E A D I N G S

DONEGAL MOUNTAIN GRID

MIDWAY PROJECT

DONEGAL MOUNTAIN GRID

1986 MAGNETOMETER READINGS

In the following listing, some lines have a denotation slightly different from their actual line number, e.g. 3401 and 3402 instead of 3400; this is necessitated by the structure of the computer files from which these data were copied.

1. EAST - WEST LINES

1.1 Line 3400N

Station E	Line N	Original Readings	Smoothed Readings
2400.0	3401.0	7.3	7.1
2412.5	3401.0	6.8	7.4
2425.0	3401.0	7.1	7.3
2437.5	3401.0	8.3	7.6
2450.0	3401.0	7.2	8.0
2462.5	3401.0	8.5	8.4
2475.0	3401.0	8.7	9.0
2487.5	3401.0	9.5	9.8
2500.0	3401.0	11.2	10.7
2512.5	3401.0	11.1	11.7
2525.0	3401.0	13.2	12.6
2537.5	3401.0	13.5	13.7
2550.0	3401.0	13.9	15.1
2562.5	3401.0	16.8	16.4
2575.0	3401.0	18.0	18.3
2587.5	3401.0	19.9	20.4
2600.0	3401.0	23.1	22.3
2612.5	3401.0	24.2	24.5
2625.0	3401.0	26.2	26.6
2637.5	3401.0	29.0	27.8
2650.0	3401.0	30.7	28.7
2662.5	3401.0	29.1	29.1
2675.0	3401.0	28.7	29.1
2687.5	3401.0	28.1	29.6
2700.0	3401.0	28.7	33.5
2712.5	3401.0	33.2	44.1
2725.0	3401.0	48.6	58.0
2737.5	3401.0	82.1	60.3
2750.0	3401.0	97.2	50.5
2762.5	3401.0	40.4	35.8
2775.0	3401.0	-15.8	14.5
2787.5	3401.0	-24.7	-8.6

2800.0	3401.0	-24.8	-19.5
2812.5	3401.0	-18.1	-17.9
2825.0	3401.0	-14.2	-14.0
2837.5	3401.0	-7.8	-8.7
2850.0	3401.0	-5.2	-3.9
2862.5	3401.0	1.8	1.7
2875.0	3401.0	6.0	7.5
2887.5	3401.0	13.8	14.5
2900.0	3401.0	21.2	23.1
2912.5	3401.0	29.8	34.7
2925.0	3401.0	44.7	49.9
2937.5	3401.0	64.1	69.5
2950.0	3401.0	89.7	95.6
2962.5	3401.0	119.3	126.5
2975.0	3401.0	160.1	149.0
2987.5	3401.0	199.1	154.5
3000.0	3401.0	176.6	143.0
3012.5	3401.0	117.5	113.8
3025.0	3401.0	61.5	69.0
3037.5	3401.0	14.2	29.0
3050.0	3401.0	-24.9	.6
3062.5	3401.0	-23.5	-9.7
3075.0	3401.0	-24.2	-8.4
3087.5	3401.0	10.0	-4.7
3100.0	3401.0	20.4	-3.1
3112.5	3401.0	-6.4	-1.1
3125.0	3401.0	-15.4	.2
3137.5	3401.0	-14.0	21.9
3150.0	3401.0	16.2	63.6
3162.5	3401.0	129.3	77.9
3175.0	3401.0	202.1	90.3
3187.5	3401.0	55.9	108.5
3200.0	3401.0	47.8	118.4
3212.5	3401.0	107.6	99.9
3225.0	3401.0	178.4	86.3
3237.5	3401.0	109.6	71.5
3250.0	3401.0	-11.7	46.5
3262.5	3401.0	-26.4	5.7
3275.0	3401.0	-17.4	-23.8
3287.5	3401.0	-25.8	-32.3
3300.0	3401.0	-37.6	-35.1
3312.5	3401.0	-54.1	-39.1
3325.0	3401.0	-40.7	-42.6
3337.5	3401.0	-37.3	-44.9
3350.0	3401.0	-43.4	-41.2
3362.5	3401.0	-49.1	-40.6
3375.0	3401.0	-35.4	-42.1
3387.5	3401.0	-37.8	-40.3
3400.0	3401.0	-44.9	-38.3
3412.5	3401.0	-34.3	-37.3
3425.0	3401.0	-39.2	-34.0
3437.5	3401.0	-30.5	-31.5
3450.0	3401.0	-21.2	-30.5

3462.5	3401.0	-32.5	-26.5
3475.0	3401.0	-29.2	-9.7
3487.5	3401.0	-18.9	-6.8
3500.0	3401.0	53.5	1.8
3512.5	3402.0	250.1	97.2
3525.0	3402.0	71.4	73.8
3537.5	3402.0	18.8	58.3
3550.0	3402.0	-19.8	3.8
3562.5	3402.0	-29.0	-14.2
3575.0	3402.0	-22.5	-19.9
3587.5	3402.0	-18.5	-21.8
3600.0	3402.0	-9.9	-19.7
3612.5	3402.0	-29.2	-19.7
3625.0	3402.0	-18.6	-22.0
3637.5	3402.0	-22.5	-24.4
3650.0	3402.0	-30.0	-22.0
3662.5	3402.0	-21.6	-18.2
3675.0	3402.0	-17.5	-15.2
3687.5	3402.0	.6	-11.6
3700.0	3402.0	-7.4	-17.8
3712.5	3402.0	-12.1	-19.7
3725.0	3402.0	-52.5	-23.7
3737.5	3402.0	-26.9	-26.7
3750.0	3402.0	-19.8	-23.5
3762.5	3402.0	-22.4	-4.8
3775.0	3402.0	4.1	1.8
3787.5	3402.0	40.9	23.8
3800.0	3402.0	6.3	101.1
3812.5	3402.0	90.1	119.9
3825.0	3402.0	364.1	134.9
3837.5	3402.0	98.1	175.5
3850.0	3402.0	115.8	170.3
3862.5	3402.0	209.4	110.0
3875.0	3402.0	64.1	103.8
3887.5	3402.0	62.6	102.6
3900.0	3402.0	67.2	125.5
3912.5	3402.0	109.8	319.5
3925.0	3402.0	323.7	340.0
3937.5	3402.0	1034.3	333.9
3950.0	3402.0	165.1	322.1
3962.5	3402.0	36.7	260.9
3975.0	3402.0	50.7	50.3
3987.5	3402.0	17.9	16.2
4000.0	3402.0	-18.7	11.3
4012.5	3402.0	-5.7	2.4
4025.0	3402.0	12.4	6.9
4037.5	3402.0	6.0	18.1
4050.0	3402.0	40.6	16.2
4062.5	3402.0	37.4	14.9
4075.0	3402.0	-15.6	12.3
4087.5	3402.0	6.3	-1.5
4100.0	3402.0	-7.2	-8.5
4112.5	3402.0	-28.4	-7.0

4125.0	3402.0	2.2	-12.0
4137.5	3402.0	-7.9	-14.5
4150.0	3402.0	-18.8	-12.1
4162.5	3402.0	-19.6	-11.7
4175.0	3402.0	-16.5	-8.4
4187.5	3402.0	4.3	-9.6
4200.0	3402.0	8.5	-12.6
4212.5	3402.0	-24.6	-6.4
4225.0	3402.0	-34.7	-4.4
4237.5	3402.0	14.6	-4.8
4250.0	3402.0	14.4	2.0
4262.5	3402.0	6.1	6.5
4275.0	3402.0	9.7	4.6
4287.5	3402.0	-12.1	1.7
4300.0	3402.0	4.7	-4.3
4312.5	3402.0	.1	-8.1
4325.0	3402.0	-23.7	-4.1
4337.5	3402.0	-9.6	.2
4350.0	3402.0	8.0	19.2
4362.5	3402.0	26.4	46.7
4375.0	3402.0	94.7	56.7
4387.5	3402.0	114.2	59.9
4400.0	3402.0	40.2	59.3
4412.5	3402.0	23.8	45.1
4425.0	3402.0	23.6	27.7
4437.5	3402.0	23.6	27.8
4450.0	3402.0	27.5	36.7
4462.5	3402.0	40.6	42.3
4475.0	3402.0	68.4	47.3
4487.5	3402.0	51.4	46.8
4500.0	3402.0	48.7	44.2
4512.5	3402.0	24.8	31.1
4525.0	3402.0	27.6	20.9
4537.5	3402.0	2.9	13.0
4550.0	3402.0	.5	10.9
4562.5	3402.0	9.1	4.2
4575.0	3402.0	14.4	3.1
4587.5	3402.0	-5.7	11.5
4600.0	3402.0	-3.0	9.7
4612.5	3402.0	42.7	8.1
4625.0	3402.0	-.1	13.7
4637.5	3402.0	6.7	15.1
4650.0	3402.0	22.2	7.5
4662.5	3402.0	4.0	7.6
4675.0	3402.0	4.5	8.1
4687.5	3402.0	.5	7.2
4700.0	3402.0	9.2	13.0
4712.5	3402.0	17.7	19.1
4725.0	3402.0	33.1	20.9
4737.5	3402.0	35.2	21.7
4750.0	3402.0	9.4	20.6
4762.5	3402.0	13.0	18.0
4775.0	3402.0	12.2	14.8
4800.0	3402.0	19.3	17.2

1.2 Line 3500N

4800.0	3502.0	3.1	-1.2
4787.5	3502.0	-7.6	16.5
4775.0	3502.0	.8	19.0
4762.5	3502.0	69.5	24.3
4750.0	3502.0	29.0	33.2
4737.5	3502.0	29.7	33.6
4725.0	3502.0	36.8	21.0
4712.5	3502.0	3.2	16.3
4700.0	3502.0	6.4	11.1
4687.5	3502.0	5.3	4.8
4675.0	3502.0	3.8	5.7
4662.5	3502.0	5.3	35.8
4650.0	3502.0	7.5	76.2
4637.5	3502.0	157.3	74.7
4625.0	3502.0	207.0	69.1
4612.5	3502.0	-3.7	69.9
4600.0	3502.0	-22.7	42.9
4587.5	3502.0	11.6	10.0
4575.0	3502.0	22.3	16.4
4562.5	3502.0	42.4	26.2
4550.0	3502.0	28.3	31.3
4537.5	3502.0	26.2	34.8
4525.0	3502.0	37.2	31.4
4512.5	3502.0	39.7	31.6
4500.0	3502.0	25.7	31.2
4487.5	3502.0	29.1	28.4
4475.0	3502.0	24.1	24.5
4462.5	3502.0	23.3	23.5
4450.0	3502.0	20.5	20.9
4437.5	3502.0	20.3	18.5
4425.0	3502.0	16.1	15.5
4412.5	3502.0	12.4	12.5
4400.0	3502.0	8.0	12.7
4387.5	3502.0	5.8	5.7
4375.0	3502.0	21.0	1.6
4362.5	3502.0	-18.6	-.9
4350.0	3502.0	-8.0	-4.4
4337.5	3502.0	-4.7	-12.1
4325.0	3502.0	-11.5	-10.1
4312.5	3502.0	-17.8	-9.8
4300.0	3502.0	-8.7	-10.2
4287.5	3502.0	-6.3	-11.3
4275.0	3502.0	-6.8	-10.4
4262.5	3502.0	-16.7	-6.8
4250.0	3502.0	-13.7	-1.9
4237.5	3502.0	9.4	-2.5
4225.0	3502.0	18.2	-.2
4212.5	3502.0	-9.9	3.0
4200.0	3502.0	-5.1	3.1
4187.5	3502.0	2.5	3.3

4175.0	3502.0	9.9	7.7
4162.5	3502.0	19.2	2.7
4150.0	3502.0	12.2	-1.3
4137.5	3502.0	-30.1	-7.7
4125.0	3502.0	-17.7	-15.6
4112.5	3502.0	-22.0	-22.2
4100.0	3502.0	-20.3	-21.2
4087.5	3502.0	-21.1	-23.2
4075.0	3502.0	-24.7	-25.2
4062.5	3502.0	-27.7	-26.6
4050.0	3502.0	-32.2	-25.2
4037.5	3502.0	-27.2	-22.5
4025.0	3502.0	-14.3	-20.3
4012.5	3502.0	-11.1	118.5
4000.0	3502.0	-16.9	227.2
3987.5	3502.0	661.9	253.3
3975.0	3502.0	516.4	246.8
3962.5	3502.0	116.3	226.7
3950.0	3502.0	-43.8	101.3
3937.5	3502.0	-117.1	239.0
3925.0	3502.0	34.8	240.9
3912.5	3502.0	1204.6	258.5
3900.0	3502.0	125.8	288.2
3887.5	3502.0	44.4	285.3
3875.0	3502.0	31.3	46.5
3862.5	3502.0	20.5	20.8
3850.0	3502.0	10.4	13.8
3837.5	3502.0	-2.7	14.7
3825.0	3502.0	9.7	19.5
3812.5	3502.0	35.8	37.4
3800.0	3502.0	44.2	74.3
3787.5	3502.0	99.9	83.7
3775.0	3502.0	181.9	81.8
3762.5	3502.0	56.6	77.3
3750.0	3502.0	26.2	57.9
3737.5	3502.0	21.7	18.5
3725.0	3502.0	3.3	5.8
3712.5	3502.0	-15.1	.1
3700.0	3502.0	-7.3	-6.4
3687.5	3502.0	-2.1	-10.1
3675.0	3502.0	-10.8	-10.6
3662.5	3502.0	-15.3	-6.4
3650.0	3502.0	-17.7	-9.4
3637.5	3502.0	13.9	-11.9
3625.0	3502.0	-17.3	-13.5
3612.5	3502.0	-23.0	-14.4
3600.0	3502.0	-23.3	-21.2
3587.5	3502.0	-22.1	-21.9
3575.0	3502.0	-20.4	-22.2
3562.5	3502.0	-20.6	-22.4
3550.0	3502.0	-24.4	-24.7
3537.5	3502.0	-24.7	-27.8
3525.0	3502.0	-33.6	-26.3

3512.5	3502.0	-35.7	-26.8
3500.0	3502.0	-13.0	-27.4
3487.5	3501.0	-32.1	-39.4
3475.0	3501.0	-43.3	-37.1
3462.5	3501.0	-45.1	-27.0
3450.0	3501.0	-27.7	-13.1
3437.5	3501.0	13.4	1.4
3425.0	3501.0	37.3	13.2
3412.5	3501.0	28.9	20.5
3400.0	3501.0	13.9	18.1
3387.5	3501.0	9.0	4.2
3375.0	3501.0	1.5	-7.8
3362.5	3501.0	-32.3	-16.7
3350.0	3501.0	-31.0	-26.2
3337.5	3501.0	-30.9	-33.4
3325.0	3501.0	-38.3	-31.7
3312.5	3501.0	-34.6	-33.4
3300.0	3501.0	-23.8	-33.5
3287.5	3501.0	-39.2	-32.1
3275.0	3501.0	-31.5	-33.8
3262.5	3501.0	-31.3	-36.4
3250.0	3501.0	-43.2	-36.7
3237.5	3501.0	-36.8	-37.8
3225.0	3501.0	-40.5	-39.3
3212.5	3501.0	-37.2	-38.2
3200.0	3501.0	-39.0	-38.3
3187.5	3501.0	-37.5	-33.9
3175.0	3501.0	-37.5	-15.8
3162.5	3501.0	-18.1	40.9
3150.0	3501.0	53.1	61.3
3137.5	3501.0	244.4	71.6
3125.0	3501.0	64.4	76.3
3112.5	3501.0	14.0	73.3
3100.0	3501.0	5.8	25.9
3087.5	3501.0	38.1	13.0
3075.0	3501.0	7.1	9.0
3062.5	3501.0	.2	4.9
3050.0	3501.0	-6.3	-3.9
3037.5	3501.0	-14.4	-6.9
3025.0	3501.0	-6.3	-12.0
3012.5	3501.0	-7.7	-16.5
3000.0	3501.0	-25.5	-16.4
2987.5	3501.0	-28.8	-17.1
2975.0	3501.0	-13.7	-16.1
2962.5	3501.0	-9.6	-9.5
2950.0	3501.0	-3.0	2.0
2937.5	3501.0	7.5	18.5
2925.0	3501.0	28.8	46.7
2912.5	3501.0	68.8	79.2
2900.0	3501.0	131.4	107.2
2887.5	3501.0	159.4	124.6
2875.0	3501.0	147.8	126.3
2862.5	3501.0	115.7	109.3

2850.0	3501.0	77.0	84.0
2837.5	3501.0	46.7	58.6
2825.0	3501.0	32.8	39.0
2812.5	3501.0	20.8	24.9
2800.0	3501.0	17.8	14.4
2787.5	3501.0	6.3	9.0
2775.0	3501.0	-5.9	4.5
2762.5	3501.0	6.0	-1.6
2750.0	3501.0	-1.7	-7.2
2737.5	3501.0	-12.5	-6.7
2725.0	3501.0	-21.8	-8.6
2712.5	3501.0	-3.6	-12.7
2700.0	3501.0	-3.3	-15.4
2687.5	3501.0	-22.5	-15.4
2675.0	3501.0	-26.0	-20.4
2662.5	3501.0	-21.7	-25.6
2650.0	3501.0	-28.4	-16.4
2637.5	3501.0	-29.5	-4.3
2625.0	3501.0	23.4	6.5
2612.5	3501.0	34.8	15.9
2600.0	3501.0	32.1	24.3
2587.5	3501.0	18.5	21.6
2575.0	3501.0	12.5	17.1
2562.5	3501.0	9.9	12.8
2550.0	3501.0	12.6	10.8
2537.5	3501.0	10.7	9.2
2525.0	3501.0	8.4	7.6
2512.5	3501.0	4.3	5.3
2500.0	3501.0	2.0	3.8
2487.5	3501.0	.9	3.6
2475.0	3501.0	3.2	4.6
2462.5	3501.0	7.7	6.2
2450.0	3501.0	9.1	8.3
2437.5	3501.0	10.1	10.9
2425.0	3501.0	11.5	12.4
2412.5	3501.0	16.0	13.2
2400.0	3501.0	15.3	14.3

1.3 Line 3600N

2400.0	3601.0	22.2	21.2
2412.5	3601.0	20.6	20.7
2425.0	3601.0	20.8	20.0
2437.5	3601.0	19.3	18.3
2450.0	3601.0	17.1	16.8
2462.5	3601.0	13.5	15.2
2475.0	3601.0	13.4	14.2
2487.5	3601.0	12.8	14.2
2500.0	3601.0	14.4	16.8
2512.5	3601.0	17.1	25.9
2525.0	3601.0	26.4	28.6

2537.5	3601.0	58.7	31.8
2550.0	3601.0	26.3	45.6
2562.5	3601.0	30.7	50.6
2575.0	3601.0	85.8	45.5
2587.5	3601.0	51.6	39.9
2600.0	3601.0	33.0	29.4
2612.5	3601.0	-1.7	8.4
2625.0	3601.0	-21.6	-6.6
2637.5	3601.0	-19.1	-16.6
2650.0	3601.0	-23.4	-18.4
2662.5	3601.0	-17.0	-18.6
2675.0	3601.0	-11.1	-20.1
2687.5	3601.0	-22.3	-19.8
2700.0	3601.0	-26.8	-20.4
2712.5	3601.0	-22.0	-20.9
2725.0	3601.0	-20.0	-18.7
2737.5	3601.0	-13.3	-14.8
2750.0	3601.0	-11.6	-10.2
2762.5	3601.0	-6.9	-3.0
2775.0	3601.0	.9	4.6
2787.5	3601.0	15.8	16.5
2800.0	3601.0	24.7	32.1
2812.5	3601.0	48.1	58.1
2825.0	3601.0	71.2	59.7
2837.5	3601.0	130.8	61.9
2850.0	3601.0	23.8	60.1
2862.5	3601.0	35.6	43.5
2875.0	3601.0	39.0	9.1
2887.5	3601.0	-11.7	-5.1
2900.0	3601.0	-41.3	-19.6
2912.5	3601.0	-47.3	-35.1
2925.0	3601.0	-36.5	-38.7
2937.5	3601.0	-38.8	-34.8
2950.0	3601.0	-29.7	-30.3
2962.5	3601.0	-21.9	-25.5
2975.0	3601.0	-24.8	-20.0
2987.5	3601.0	-12.1	-16.6
3000.0	3601.0	-11.7	-12.0
3012.5	3601.0	-12.7	-2.5
3025.0	3601.0	1.3	7.7
3037.5	3601.0	22.8	22.3
3050.0	3601.0	38.8	23.6
3062.5	3601.0	61.1	20.3
3075.0	3601.0	-6.0	16.0
3087.5	3601.0	-15.1	13.6
3100.0	3601.0	1.3	-6.7
3112.5	3601.0	26.5	-8.9
3125.0	3601.0	-40.3	-10.4
3137.5	3601.0	-16.7	-17.1
3150.0	3601.0	-23.0	-29.0
3162.5	3601.0	-31.8	-24.2
3175.0	3601.0	-33.4	-20.6
3187.5	3601.0	-16.3	-14.2

3200.0	3601.0	1.7	-8.7
3212.5	3601.0	8.7	-7.2
3225.0	3601.0	-4.3	-10.2
3237.5	3601.0	-25.7	-19.4
3250.0	3601.0	-31.5	-30.6
3262.5	3601.0	-44.0	-37.1
3275.0	3601.0	-47.4	-38.4
3287.5	3601.0	-36.8	-31.3
3300.0	3601.0	-32.5	-26.5
3312.5	3601.0	4.2	-22.5
3325.0	3601.0	-19.8	-19.2
3337.5	3601.0	-27.6	-14.3
3350.0	3601.0	-20.5	-14.4
3362.5	3601.0	-8.0	-10.2
3375.0	3601.0	3.9	-7.5
3387.5	3601.0	1.3	-4.6
3400.0	3601.0	-14.2	-4.4
3412.5	3601.0	-5.9	-5.5
3425.0	3601.0	-6.9	-6.3
3437.5	3601.0	-1.8	-5.5
3450.0	3601.0	-2.5	-1.3
3462.5	3601.0	-10.3	1.5
3475.0	3601.0	15.1	-3.4
3487.5	3601.0	6.9	-3.6
3500.0	3601.0	-26.3	-1.4
3512.5	3602.0	-28.5	-23.0
3525.0	3602.0	-12.8	-23.1
3537.5	3602.0	-25.8	-22.2
3550.0	3602.0	-23.5	-19.9
3562.5	3602.0	-20.3	-20.3
3575.0	3602.0	-17.0	-17.5
3587.5	3602.0	-14.9	-14.9
3600.0	3602.0	-11.6	-11.8
3612.5	3602.0	-10.7	-10.4
3625.0	3602.0	-4.9	-9.2
3637.5	3602.0	-10.1	-9.2
3650.0	3602.0	-8.6	-7.1
3662.5	3602.0	-11.9	-5.3
3675.0	3602.0	.2	-.1
3687.5	3602.0	3.7	5.1
3700.0	3602.0	16.2	12.7
3712.5	3602.0	17.3	22.0
3725.0	3602.0	26.2	35.0
3737.5	3602.0	46.5	44.9
3750.0	3602.0	69.0	47.7
3762.5	3602.0	65.6	49.0
3775.0	3602.0	31.4	45.2
3787.5	3602.0	32.7	43.1
3800.0	3602.0	27.5	44.6
3812.5	3602.0	58.3	43.9
3825.0	3602.0	72.9	46.3
3837.5	3602.0	28.0	46.1
3850.0	3602.0	44.8	42.5

3862.5	3602.0	26.3	40.2
3875.0	3602.0	40.7	44.4
3887.5	3602.0	61.3	43.1
3900.0	3602.0	48.8	48.3
3912.5	3602.0	38.2	59.6
3925.0	3602.0	52.5	126.7
3937.5	3602.0	97.2	137.9
3950.0	3602.0	396.8	153.2
3962.5	3602.0	104.9	208.9
3975.0	3602.0	114.7	178.5
3987.5	3602.0	331.1	94.9
4000.0	3602.0	-55.2	77.5
4012.5	3602.0	-20.8	57.8
4025.0	3602.0	17.7	-3.7
4037.5	3602.0	16.0	12.0
4050.0	3602.0	23.7	17.0
4062.5	3602.0	23.4	20.7
4075.0	3602.0	4.1	23.3
4087.5	3602.0	36.3	19.7
4100.0	3602.0	29.0	14.2
4112.5	3602.0	5.5	11.7
4125.0	3602.0	-4.1	1.4
4137.5	3602.0	-8.0	-5.6
4150.0	3602.0	-15.3	-13.4
4162.5	3602.0	-6.2	-15.9
4175.0	3602.0	-33.5	-19.2
4187.5	3602.0	-16.3	-12.2
4200.0	3602.0	-24.8	-9.4
4212.5	3602.0	19.8	-8.2
4225.0	3602.0	7.9	-5.5
4237.5	3602.0	-27.6	-.5
4250.0	3602.0	-2.6	-4.1
4262.5	3602.0	-.1	-4.9
4275.0	3602.0	1.9	-1.3
4287.5	3602.0	3.9	-1.3
4300.0	3602.0	-9.7	-.2
4312.5	3602.0	-2.4	-.7
4325.0	3602.0	5.5	-.2
4337.5	3602.0	-1.0	3.2
4350.0	3602.0	6.7	9.2
4362.5	3602.0	7.1	10.3
4375.0	3602.0	27.5	16.5
4387.5	3602.0	11.3	21.5
4400.0	3602.0	29.7	26.8
4412.5	3602.0	32.1	30.5
4425.0	3602.0	33.4	32.9
4437.5	3602.0	46.0	31.3
4450.0	3602.0	23.2	30.4
4462.5	3602.0	21.7	30.9
4475.0	3602.0	27.5	28.0
4487.5	3602.0	35.9	26.0
4500.0	3602.0	31.6	23.5
4512.5	3602.0	13.3	23.6

4525.0	3602.0	9.3	19.6
4537.5	3602.0	27.9	20.2
4550.0	3602.0	15.9	28.3
4562.5	3602.0	34.7	37.2
4575.0	3602.0	53.7	42.2
4587.5	3602.0	53.7	41.2
4600.0	3602.0	52.9	31.1
4612.5	3602.0	11.0	24.5
4625.0	3602.0	-15.8	57.1
4637.5	3602.0	20.8	88.3
4650.0	3602.0	216.5	94.7
4662.5	3602.0	209.1	95.1
4675.0	3602.0	43.1	92.6
4687.5	3602.0	-14.0	49.5
4700.0	3602.0	8.1	6.3
4712.5	3602.0	1.2	-.1
4725.0	3602.0	-7.0	7.1
4737.5	3602.0	11.4	8.3
4750.0	3602.0	21.9	13.6
4762.5	3602.0	13.8	21.7
4775.0	3602.0	27.7	26.0
4787.5	3602.0	33.5	27.0
4800.0	3602.0	33.1	31.4

1.4 Line 3700N, West of Baseline 2400E

1600.0	3700.0	53.6	31.0
1612.5	3700.0	33.2	20.6
1625.0	3700.0	6.1	16.1
1637.5	3700.0	-10.6	6.4
1650.0	3700.0	-1.8	1.7
1662.5	3700.0	5.2	1.8
1675.0	3700.0	9.7	4.0
1687.5	3700.0	6.6	3.7
1700.0	3700.0	.5	1.6
1712.5	3700.0	-3.5	-2.2
1725.0	3700.0	-5.4	-5.2
1737.5	3700.0	-9.2	-5.4
1750.0	3700.0	-8.6	-4.5
1762.5	3700.0	-.3	-3.1
1775.0	3700.0	1.0	-2.1
1787.5	3700.0	1.8	-3.5
1800.0	3700.0	-4.3	-7.9
1812.5	3700.0	-15.7	-10.4
1825.0	3700.0	-22.3	-13.4
1837.5	3700.0	-11.6	-15.2
1850.0	3700.0	-13.2	-17.2
1862.5	3700.0	-13.4	-18.8
1875.0	3700.0	-25.4	-22.4
1887.5	3700.0	-30.6	-25.4
1900.0	3700.0	-29.3	-28.2
1912.5	3700.0	-28.5	-28.2

1925.0	3700.0	-27.1	-26.7
1937.5	3700.0	-25.5	-25.6
1950.0	3700.0	-23.3	-25.2
1962.5	3700.0	-23.7	-24.9
1975.0	3700.0	-26.4	-24.1
1987.5	3700.0	-25.7	-22.6
2000.0	3700.0	-21.2	-19.6
2012.5	3700.0	-16.1	-14.9
2025.0	3700.0	-8.5	-9.2
2037.5	3700.0	-3.1	-2.4
2050.0	3700.0	2.9	4.5
2062.5	3700.0	13.0	9.3
2075.0	3700.0	18.4	13.8
2087.5	3700.0	15.1	15.9
2100.0	3700.0	19.6	15.9
2112.5	3700.0	13.2	15.2
2125.0	3700.0	13.0	14.9
2137.5	3700.0	15.0	14.0
2150.0	3700.0	13.8	14.7
2162.5	3700.0	15.0	16.1
2175.0	3700.0	16.6	17.6
2187.5	3700.0	19.9	19.6
2200.0	3700.0	22.6	22.2
2212.5	3700.0	24.1	25.0
2225.0	3700.0	27.6	28.0
2237.5	3700.0	30.6	31.4
2250.0	3700.0	35.2	35.4
2262.5	3700.0	39.5	39.8
2275.0	3700.0	44.3	44.9
2287.5	3700.0	49.5	49.7
2300.0	3700.0	56.0	53.3
2312.5	3700.0	59.0	54.6
2325.0	3700.0	57.8	52.9
2337.5	3700.0	50.8	49.1
2350.0	3700.0	40.7	43.9
2362.5	3700.0	37.1	38.0
2375.0	3700.0	33.0	32.7
2387.5	3700.0	28.5	30.7
2400.0	3700.0	24.1	28.5

1.5 Line 3700N, East of Baseline 2400E

4800.0	3702.0	42.4	52.0
4787.5	3702.0	58.1	63.6
4775.0	3702.0	55.5	69.3
4762.5	3702.0	98.5	76.6
4750.0	3702.0	92.0	76.6
4737.5	3702.0	79.1	73.0
4725.0	3702.0	57.7	56.7
4712.5	3702.0	37.6	40.3
4700.0	3702.0	17.3	26.2
4687.5	3702.0	10.0	15.6

4675.0	3702.0	8.4	10.3
4662.5	3702.0	4.5	9.8
4650.0	3702.0	11.5	11.1
4637.5	3702.0	14.5	13.1
4625.0	3702.0	16.7	17.1
4612.5	3702.0	18.1	22.6
4600.0	3702.0	24.5	28.1
4587.5	3702.0	39.2	33.1
4575.0	3702.0	41.8	37.6
4562.5	3702.0	41.7	39.3
4550.0	3702.0	40.7	37.9
4537.5	3702.0	33.0	35.8
4525.0	3702.0	32.1	36.5
4512.5	3702.0	31.5	34.5
4500.0	3702.0	45.0	25.6
4487.5	3702.0	31.1	12.7
4475.0	3702.0	-11.8	3.8
4462.5	3702.0	-32.1	-3.9
4450.0	3702.0	-13.1	-13.4
4437.5	3702.0	6.2	-8.0
4425.0	3702.0	-16.1	.2
4412.5	3702.0	15.3	1.0
4400.0	3702.0	8.6	-1.2
4387.5	3702.0	-9.2	10.9
4375.0	3702.0	-4.7	22.9
4362.5	3702.0	44.3	29.8
4350.0	3702.0	75.3	37.2
4337.5	3702.0	43.3	43.8
4325.0	3702.0	28.0	44.8
4312.5	3702.0	28.2	37.1
4300.0	3702.0	49.3	32.9
4287.5	3702.0	36.6	30.7
4275.0	3702.0	22.4	28.6
4262.5	3702.0	16.8	18.9
4250.0	3702.0	17.7	9.8
4237.5	3702.0	1.2	4.6
4225.0	3702.0	-9.0	-1.0
4212.5	3702.0	-3.9	-7.5
4200.0	3702.0	-11.1	-10.3
4187.5	3702.0	-14.7	-10.5
4175.0	3702.0	-12.9	-12.1
4162.5	3702.0	-9.9	-12.3
4150.0	3702.0	-11.8	-12.1
4137.5	3702.0	-12.1	-12.2
4125.0	3702.0	-13.8	-13.4
4112.5	3702.0	-13.2	-15.0
4100.0	3702.0	-15.9	-17.3
4087.5	3702.0	-20.0	-20.8
4075.0	3702.0	-23.8	-25.1
4062.5	3702.0	-31.1	-32.0
4050.0	3702.0	-34.6	-36.1
4037.5	3702.0	-50.6	-38.9
4025.0	3702.0	-40.4	-41.9

4012.5	3702.0	-37.7	-41.9
4000.0	3702.0	-46.4	-39.1
3987.5	3702.0	-34.3	-32.6
3975.0	3702.0	-36.8	-25.2
3962.5	3702.0	-8.0	-17.8
3950.0	3702.0	-.5	-13.9
3937.5	3702.0	-9.3	7.6
3925.0	3702.0	-14.8	38.0
3912.5	3702.0	70.8	60.5
3900.0	3702.0	143.9	91.0
3887.5	3702.0	111.8	124.7
3875.0	3702.0	143.2	131.5
3862.5	3702.0	153.9	114.4
3850.0	3702.0	104.9	99.2
3837.5	3702.0	58.0	75.6
3825.0	3702.0	35.8	46.3
3812.5	3702.0	25.4	26.2
3800.0	3702.0	7.3	14.5
3787.5	3702.0	4.5	9.4
3775.0	3702.0	-.3	9.8
3762.5	3702.0	10.3	15.4
3750.0	3702.0	27.1	28.0
3737.5	3702.0	35.6	39.2
3725.0	3702.0	67.5	45.3
3712.5	3702.0	55.5	46.1
3700.0	3702.0	40.7	42.0
3687.5	3702.0	31.0	30.4
3675.0	3702.0	15.5	19.7
3662.5	3702.0	9.1	10.9
3650.0	3702.0	2.2	3.5
3637.5	3702.0	-3.1	-1.8
3625.0	3702.0	-6.1	-4.4
3612.5	3702.0	-11.0	-7.6
3600.0	3702.0	-4.1	-10.4
3587.5	3702.0	-13.8	-13.0
3575.0	3702.0	-17.2	-12.5
3562.5	3702.0	-19.0	-11.5
3550.0	3702.0	-8.2	-11.7
3537.5	3702.0	.5	-11.6
3525.0	3702.0	-14.5	-8.0
3512.5	3702.0	-16.9	-7.9
3500.0	3702.0	-.8	-10.7
3487.5	3701.0	-25.8	-24.6
3475.0	3701.0	-18.3	-32.3
3462.5	3701.0	-50.3	8.3
3450.0	3701.0	-62.9	33.0
3437.5	3701.0	198.7	42.2
3425.0	3701.0	97.7	50.1
3412.5	3701.0	28.0	65.3
3400.0	3701.0	-11.2	26.8
3387.5	3701.0	13.5	5.8
3375.0	3701.0	5.8	-5.1
3362.5	3701.0	-7.1	-4.6

3350.0	3701.0	-26.5	-7.9
3337.5	3701.0	-8.8	-15.5
3325.0	3701.0	-2.9	-19.7
3312.5	3701.0	-32.0	-19.7
3300.0	3701.0	-28.5	-22.8
3287.5	3701.0	-26.4	-26.8
3275.0	3701.0	-24.0	-25.8
3262.5	3701.0	-23.3	-26.5
3250.0	3701.0	-26.6	-28.2
3237.5	3701.0	-32.4	-31.8
3225.0	3701.0	-34.8	-34.7
3212.5	3701.0	-42.0	-38.2
3200.0	3701.0	-37.5	-40.7
3187.5	3701.0	-44.1	-40.8
3175.0	3701.0	-44.9	-32.3
3162.5	3701.0	-35.7	32.1
3150.0	3701.0	.5	55.8
3137.5	3701.0	284.6	63.3
3125.0	3701.0	74.3	67.4
3112.5	3701.0	-7.4	62.4
3100.0	3701.0	-14.8	1.8
3087.5	3701.0	-24.8	-9.8
3075.0	3701.0	-18.2	-9.4
3062.5	3701.0	16.0	-10.3
3050.0	3701.0	-5.1	-7.9
3037.5	3701.0	-19.6	-9.9
3025.0	3701.0	-12.8	-18.0
3012.5	3701.0	-27.9	-21.9
3000.0	3701.0	-24.7	-24.5
2987.5	3701.0	-24.7	-28.4
2975.0	3701.0	-32.3	-24.0
2962.5	3701.0	-32.5	-25.6
2950.0	3701.0	-6.0	-27.3
2937.5	3701.0	-32.3	-27.4
2925.0	3701.0	-33.3	-27.5
2912.5	3701.0	-33.0	-32.7
2900.0	3701.0	-32.8	-33.4
2887.5	3701.0	-31.9	-35.3
2875.0	3701.0	-36.0	23.4
2862.5	3701.0	-42.7	43.6
2850.0	3701.0	260.6	54.3
2837.5	3701.0	68.2	63.1
2825.0	3701.0	21.3	71.5
2812.5	3701.0	8.0	18.0
2800.0	3701.0	-.7	1.0
2787.5	3701.0	-6.8	-8.5
2775.0	3701.0	-16.9	-15.7
2762.5	3701.0	-26.3	-21.9
2750.0	3701.0	-27.6	-26.3
2737.5	3701.0	-32.0	-29.4
2725.0	3701.0	-28.6	-30.9
2712.5	3701.0	-32.4	-34.4
2700.0	3701.0	-33.7	-37.6

2687.5	3701.0	-45.2	-41.7
2675.0	3701.0	-48.2	-44.4
2662.5	3701.0	-49.1	-45.3
2650.0	3701.0	-45.9	-35.5
2637.5	3701.0	-38.1	-16.6
2625.0	3701.0	3.6	.2
2612.5	3701.0	46.6	12.1
2600.0	3701.0	34.7	18.0
2587.5	3701.0	13.6	15.7
2575.0	3701.0	-8.3	21.4
2562.5	3701.0	-7.9	23.1
2550.0	3701.0	74.7	25.6
2537.5	3701.0	43.4	30.6
2525.0	3701.0	25.9	35.1
2512.5	3701.0	16.7	22.6
2500.0	3701.0	14.8	15.8
2487.5	3701.0	12.0	12.9
2475.0	3701.0	9.7	11.9
2462.5	3701.0	11.5	11.7
2450.0	3701.0	11.5	12.4
2437.5	3701.0	13.6	14.1
2425.0	3701.0	15.9	16.2
2412.5	3701.0	18.0	17.4
2400.0	3701.0	22.0	18.6

1.6 Line 3800N, West of Baseline 2400E

2387.5	3800.0	4.6	6.1
2375.0	3800.0	5.9	7.4
2362.5	3800.0	8.7	9.5
2350.0	3800.0	12.5	12.8
2337.5	3800.0	16.0	17.7
2325.0	3800.0	20.9	27.0
2312.5	3800.0	30.3	46.1
2300.0	3800.0	55.2	90.6
2287.5	3800.0	107.9	123.1
2275.0	3800.0	238.8	144.8
2262.5	3800.0	183.1	151.6
2250.0	3800.0	138.9	142.0
2237.5	3800.0	89.4	103.0
2225.0	3800.0	59.8	73.6
2212.5	3800.0	43.8	52.3
2200.0	3800.0	36.2	38.8
2187.5	3800.0	32.5	30.8
2175.0	3800.0	21.9	25.7
2162.5	3800.0	19.5	22.4
2150.0	3800.0	18.2	19.3
2137.5	3800.0	19.7	17.6
2125.0	3800.0	17.0	15.5
2112.5	3800.0	13.7	13.0
2100.0	3800.0	8.9	8.7

2087.5	3800.0	5.8	4.8
2075.0	3800.0	-1.8	2.7
2062.5	3800.0	-2.4	.3
2050.0	3800.0	2.8	-1.5
2037.5	3800.0	-2.7	-2.0
2025.0	3800.0	-3.5	-3.4
2012.5	3800.0	-4.3	-6.3
2000.0	3800.0	-9.4	-7.7
1987.5	3800.0	-11.4	-8.5
1975.0	3800.0	-10.0	-9.1
1962.5	3800.0	-7.6	-10.0
1950.0	3800.0	-7.2	-12.0
1937.5	3800.0	-13.9	-14.7
1925.0	3800.0	-21.4	-18.6
1912.5	3800.0	-23.3	-22.8
1900.0	3800.0	-27.4	-23.3
1887.5	3800.0	-27.8	-21.5
1875.0	3800.0	-16.4	-19.1
1862.5	3800.0	-12.5	-15.9
1850.0	3800.0	-11.5	-12.1
1837.5	3800.0	-11.1	-8.4
1825.0	3800.0	-9.1	-8.9
1812.5	3800.0	2.3	-12.1
1800.0	3800.0	-15.2	-15.0
1787.5	3800.0	-27.6	-17.6
1775.0	3800.0	-25.2	-22.5
1762.5	3800.0	-22.4	-24.3
1750.0	3800.0	-22.1	-21.8
1737.5	3800.0	-24.4	-20.3
1725.0	3800.0	-15.1	-20.5
1712.5	3800.0	-17.4	-20.1
1700.0	3800.0	-23.4	-18.6

1.7 Line 3800N, East of Baseline 2400E

2400.0	3801.0	4.4	6.6
2412.5	3801.0	5.8	10.1
2425.0	3801.0	9.5	15.7
2437.5	3801.0	20.6	29.0
2450.0	3801.0	38.1	64.1
2462.5	3801.0	70.9	192.9
2475.0	3801.0	181.5	165.3
2487.5	3801.0	653.2	134.1
2500.0	3801.0	-117.2	119.9
2512.5	3801.0	-118.0	99.4
2525.0	3801.0	-.1	-24.1
2537.5	3801.0	79.3	-4.6
2550.0	3801.0	35.5	5.1
2562.5	3801.0	-19.5	-6.7
2575.0	3801.0	-69.7	-34.6
2587.5	3801.0	-59.3	-54.0
2600.0	3801.0	-60.2	-58.8

2612.5	3801.0	-61.5	-65.4
2625.0	3801.0	-43.4	-71.2
2637.5	3801.0	-102.7	-70.1
2650.0	3801.0	-88.4	-66.7
2662.5	3801.0	-54.3	-64.6
2675.0	3801.0	-44.6	-48.9
2687.5	3801.0	-32.9	-31.3
2700.0	3801.0	-24.4	-23.8
2712.5	3801.0	-.3	-20.5
2725.0	3801.0	-17.0	-18.5
2737.5	3801.0	-27.7	-12.6
2750.0	3801.0	-23.2	3.4
2762.5	3801.0	5.1	1.0
2775.0	3801.0	79.8	1.1
2787.5	3801.0	-28.9	1.0
2800.0	3801.0	-27.2	-3.4
2812.5	3801.0	-24.0	-20.1
2825.0	3801.0	-16.7	-14.6
2837.5	3801.0	-3.8	-13.8
2850.0	3801.0	-1.2	-14.6
2862.5	3801.0	-23.1	-13.7
2875.0	3801.0	-28.1	-15.4
2887.5	3801.0	-12.4	-15.5
2900.0	3801.0	-12.3	-10.5
2912.5	3801.0	-1.8	-3.9
2925.0	3801.0	2.0	-.2
2937.5	3801.0	4.8	5.0
2950.0	3801.0	6.4	20.8
2962.5	3801.0	13.6	38.1
2975.0	3801.0	77.3	43.6
2987.5	3801.0	88.5	44.2
3000.0	3801.0	32.2	43.1
3012.5	3801.0	9.5	30.4
3025.0	3801.0	8.1	16.4
3037.5	3801.0	13.5	13.8
3050.0	3801.0	18.5	13.4
3062.5	3801.0	19.4	12.6
3075.0	3801.0	7.7	10.6
3087.5	3801.0	4.1	8.0
3100.0	3801.0	3.4	4.1
3112.5	3801.0	5.2	1.6
3125.0	3801.0	.1	-1.3
3137.5	3801.0	-4.8	-4.0
3150.0	3801.0	-10.5	-13.8
3162.5	3801.0	-10.2	-22.5
3175.0	3801.0	-43.4	-20.3
3187.5	3801.0	-43.6	-15.4
3200.0	3801.0	6.4	-14.1
3212.5	3801.0	13.9	-7.8
3225.0	3801.0	-3.9	-5.3
3237.5	3801.0	-11.8	-16.6
3250.0	3801.0	-31.2	-24.7
3262.5	3801.0	-50.0	-24.9

3275.0	3801.0	-26.8	-23.2
3287.5	3801.0	-4.8	-16.7
3300.0	3801.0	-3.4	-3.1
3312.5	3801.0	1.6	8.5
3325.0	3801.0	18.0	18.0
3337.5	3801.0	30.9	28.8
3350.0	3801.0	42.8	40.7
3362.5	3801.0	50.9	50.7
3375.0	3801.0	60.7	57.8
3387.5	3801.0	68.1	62.8
3400.0	3801.0	66.6	59.6
3412.5	3801.0	67.8	50.0
3425.0	3801.0	34.8	35.3
3437.5	3801.0	12.6	18.7
3450.0	3801.0	-5.1	2.3
3462.5	3801.0	-16.4	-10.3
3475.0	3801.0	-14.5	-18.7
3487.5	3801.0	-28.3	-22.1
3500.0	3801.0	-29.3	-24.0
3512.5	3802.0	-37.4	-35.6
3525.0	3802.0	-34.9	-35.8
3537.5	3802.0	-39.2	-37.3
3550.0	3802.0	-36.7	-34.4
3562.5	3802.0	-38.1	-30.1
3575.0	3802.0	-23.0	-25.4
3587.5	3802.0	-13.7	-19.8
3600.0	3802.0	-15.4	-16.0
3612.5	3802.0	-8.8	-17.0
3625.0	3802.0	-19.1	-19.6
3637.5	3802.0	-28.0	-19.5
3650.0	3802.0	-26.5	-20.6
3662.5	3802.0	-14.9	-19.1
3675.0	3802.0	-14.5	-14.5
3687.5	3802.0	-11.7	-9.7
3700.0	3802.0	-4.9	45.2
3712.5	3802.0	-2.7	41.2
3725.0	3802.0	259.7	38.0
3737.5	3802.0	-34.6	37.3
3750.0	3802.0	-27.6	37.5
3762.5	3802.0	-8.3	-14.7
3775.0	3802.0	-1.8	-8.3
3787.5	3802.0	-1.2	-1.5
3800.0	3802.0	-2.5	-1.1
3812.5	3802.0	6.3	-1.4
3825.0	3802.0	-6.4	-.1
3837.5	3802.0	-3.0	2.9
3850.0	3802.0	4.9	58.2
3862.5	3802.0	12.9	83.1
3875.0	3802.0	282.5	88.3
3887.5	3802.0	118.0	86.0
3900.0	3802.0	23.3	83.3
3912.5	3802.0	-6.7	26.4
3925.0	3802.0	-.4	2.2

3937.5	3802.0	-2.0	-3.3
3950.0	3802.0	-3.1	-3.1
3962.5	3802.0	-4.2	-3.4
3975.0	3802.0	-5.6	-3.9
3987.5	3802.0	-2.2	-7.4
4000.0	3802.0	-4.3	-11.8
4012.5	3802.0	-20.5	-18.7
4025.0	3802.0	-26.5	-24.8
4037.5	3802.0	-40.0	-31.2
4050.0	3802.0	-32.7	-37.0
4062.5	3802.0	-36.4	-36.9
4075.0	3802.0	-49.6	-34.7
4087.5	3802.0	-25.7	-31.9
4100.0	3802.0	-29.1	-27.1
4112.5	3802.0	-18.9	-13.5
4125.0	3802.0	-12.0	-3.3
4137.5	3802.0	18.0	7.5
4150.0	3802.0	25.5	17.1
4162.5	3802.0	24.7	24.9
4175.0	3802.0	29.2	29.1
4187.5	3802.0	27.1	29.0
4200.0	3802.0	38.9	27.0
4212.5	3802.0	25.3	23.5
4225.0	3802.0	14.4	18.8
4237.5	3802.0	12.0	15.6
4250.0	3802.0	3.6	12.1
4262.5	3802.0	22.5	12.5
4275.0	3802.0	8.1	14.1
4287.5	3802.0	16.1	22.9
4300.0	3802.0	20.1	28.8
4312.5	3802.0	47.7	35.2
4325.0	3802.0	51.8	41.8
4337.5	3802.0	40.2	46.5
4350.0	3802.0	49.2	43.0
4362.5	3802.0	43.6	38.4
4375.0	3802.0	30.4	32.4
4387.5	3802.0	28.8	26.3
4400.0	3802.0	10.0	35.6
4412.5	3802.0	18.6	49.9
4425.0	3802.0	90.2	56.1
4437.5	3802.0	101.9	72.7
4450.0	3802.0	59.9	83.3
4462.5	3802.0	93.0	81.0
4475.0	3802.0	71.3	80.6
4487.5	3802.0	79.0	90.3
4500.0	3802.0	99.6	85.7
4512.5	3802.0	108.8	88.7
4525.0	3802.0	69.6	85.5
4537.5	3802.0	86.6	73.9
4550.0	3802.0	63.1	56.3
4562.5	3802.0	41.2	40.9
4575.0	3802.0	21.1	23.5
4587.5	3802.0	-7.7	10.1

4600.0	3802.0	.0	.4
4612.5	3802.0	-4.0	-5.7
4625.0	3802.0	-7.2	-5.2
4637.5	3802.0	-9.8	-7.7
4650.0	3802.0	-5.1	-8.8
4662.5	3802.0	-12.4	-2.6
4675.0	3802.0	-9.7	.5
4687.5	3802.0	24.1	4.6
4700.0	3802.0	5.7	20.6
4712.5	3802.0	15.5	37.5
4725.0	3802.0	67.2	42.7
4737.5	3802.0	75.1	49.6
4750.0	3802.0	50.0	52.8
4762.5	3802.0	40.2	52.6
4775.0	3802.0	31.4	50.4
4787.5	3802.0	66.1	50.5
4800.0	3802.0	64.3	53.9

1.8 Line 3900N, West of Baseline 2400E

1700.0	3900.0	-37.7	-37.2
1712.5	3900.0	-35.9	-38.7
1725.0	3900.0	-38.0	-40.1
1737.5	3900.0	-43.2	-42.2
1750.0	3900.0	-45.9	-44.5
1762.5	3900.0	-47.9	-47.0
1775.0	3900.0	-47.5	-47.3
1787.5	3900.0	-50.7	-47.7
1800.0	3900.0	-44.7	-47.3
1812.5	3900.0	-47.8	-45.6
1825.0	3900.0	-45.7	-43.4
1837.5	3900.0	-39.3	-41.9
1850.0	3900.0	-39.4	-37.5
1862.5	3900.0	-37.3	-32.9
1875.0	3900.0	-25.7	-28.5
1887.5	3900.0	-22.6	-22.2
1900.0	3900.0	-17.6	-15.2
1912.5	3900.0	-7.8	-9.0
1925.0	3900.0	-2.4	-1.4
1937.5	3900.0	5.4	8.3
1950.0	3900.0	15.5	17.6
1962.5	3900.0	31.0	28.1
1975.0	3900.0	38.5	37.8
1987.5	3900.0	50.0	46.5
2000.0	3900.0	54.2	53.1
2012.5	3900.0	58.6	57.5
2025.0	3900.0	64.4	57.3
2037.5	3900.0	60.2	54.8
2050.0	3900.0	49.2	50.7
2062.5	3900.0	41.6	45.7
2075.0	3900.0	37.9	41.3

2087.5	3900.0	39.7	37.8
2100.0	3900.0	38.3	35.4
2112.5	3900.0	31.7	33.1
2125.0	3900.0	29.3	30.0
2137.5	3900.0	26.7	27.2
2150.0	3900.0	23.9	25.7
2162.5	3900.0	24.6	25.5
2175.0	3900.0	24.2	27.6
2187.5	3900.0	28.2	32.5
2200.0	3900.0	37.3	41.8
2212.5	3900.0	48.3	58.6
2225.0	3900.0	70.9	105.6
2237.5	3900.0	108.4	221.5
2250.0	3900.0	263.0	227.4
2262.5	3900.0	617.0	222.2
2275.0	3900.0	77.5	207.0
2287.5	3900.0	44.9	159.1
2300.0	3900.0	32.5	38.5
2312.5	3900.0	23.8	24.6
2325.0	3900.0	13.9	16.3
2337.5	3900.0	7.8	10.2
2350.0	3900.0	3.7	5.5
2362.5	3900.0	1.7	1.8
2375.0	3900.0	.3	-2.3
2387.5	3900.0	-4.7	-3.8
2400.0	3900.0	-12.3	-5.6

1.9 Line 3900N, East of Baseline 2400E

4800.0	3902.0	49.9	56.3
4787.5	3902.0	55.4	61.3
4775.0	3902.0	63.7	63.5
4762.5	3902.0	76.4	68.4
4750.0	3902.0	72.1	68.7
4737.5	3902.0	74.5	65.0
4725.0	3902.0	56.7	62.9
4712.5	3902.0	45.3	64.5
4700.0	3902.0	65.8	66.8
4687.5	3902.0	80.3	72.4
4675.0	3902.0	86.1	79.4
4662.5	3902.0	84.6	80.8
4650.0	3902.0	80.1	79.4
4637.5	3902.0	73.1	80.4
4625.0	3902.0	73.1	81.1
4612.5	3902.0	91.3	81.0
4600.0	3902.0	87.8	82.1
4587.5	3902.0	79.7	83.4
4575.0	3902.0	78.5	81.2
4562.5	3902.0	79.7	80.7
4550.0	3902.0	80.4	79.1
4537.5	3902.0	85.0	78.4
4525.0	3902.0	71.9	77.2

4512.5	3902.0	75.2	75.0
4500.0	3902.0	73.6	71.9
4487.5	3902.0	69.2	72.1
4475.0	3902.0	69.5	68.0
4462.5	3902.0	73.0	62.9
4450.0	3902.0	54.5	60.7
4437.5	3902.0	48.3	56.6
4425.0	3902.0	58.3	50.8
4412.5	3902.0	48.8	44.2
4400.0	3902.0	44.1	38.0
4387.5	3902.0	21.4	33.2
4375.0	3902.0	17.4	34.1
4362.5	3902.0	34.4	34.6
4350.0	3902.0	53.2	40.8
4337.5	3902.0	46.8	48.3
4325.0	3902.0	52.3	54.1
4312.5	3902.0	54.9	54.8
4300.0	3902.0	63.1	55.6
4287.5	3902.0	56.7	49.3
4275.0	3902.0	50.9	44.4
4262.5	3902.0	20.8	37.9
4250.0	3902.0	30.7	36.2
4237.5	3902.0	30.6	35.5
4225.0	3902.0	48.2	34.2
4212.5	3902.0	47.2	30.2
4200.0	3902.0	14.5	22.8
4187.5	3902.0	10.3	17.2
4175.0	3902.0	-6.1	12.7
4162.5	3902.0	20.3	9.0
4150.0	3902.0	24.7	2.6
4137.5	3902.0	-4.1	2.1
4125.0	3902.0	-21.6	-2.6
4112.5	3902.0	-8.9	-7.1
4100.0	3902.0	-3.2	-6.5
4087.5	3902.0	2.1	-3.0
4075.0	3902.0	-.8	3.0
4062.5	3902.0	-4.1	7.7
4050.0	3902.0	21.2	13.5
4037.5	3902.0	20.2	13.7
4025.0	3902.0	30.9	12.0
4012.5	3902.0	.4	8.8
4000.0	3902.0	-12.8	8.1
3987.5	3902.0	5.5	7.4
3975.0	3902.0	16.7	12.2
3962.5	3902.0	27.4	18.8
3950.0	3902.0	24.0	17.2
3937.5	3902.0	20.6	18.2
3925.0	3902.0	-2.7	20.4
3912.5	3902.0	21.8	23.6
3900.0	3902.0	38.4	26.4
3887.5	3902.0	40.0	35.8
3875.0	3902.0	34.3	45.5
3862.5	3902.0	44.6	59.7

3850.0	3902.0	70.4	55.0
3837.5	3902.0	109.2	49.6
3825.0	3902.0	16.7	40.3
3812.5	3902.0	7.1	27.4
3800.0	3902.0	-2.0	6.4
3787.5	3902.0	6.0	2.2
3775.0	3902.0	4.3	-1.4
3762.5	3902.0	-4.5	-4.0
3750.0	3902.0	-10.8	-9.1
3737.5	3902.0	-15.2	-13.5
3725.0	3902.0	-19.2	-9.1
3712.5	3902.0	-17.6	3.6
3700.0	3902.0	17.5	12.5
3687.5	3902.0	52.4	22.4
3675.0	3902.0	29.2	28.1
3662.5	3902.0	30.3	33.7
3650.0	3902.0	11.1	27.0
3637.5	3902.0	45.4	24.0
3625.0	3902.0	19.0	21.8
3612.5	3902.0	14.3	24.7
3600.0	3902.0	19.3	18.8
3587.5	3902.0	25.6	17.0
3575.0	3902.0	15.8	17.2
3562.5	3902.0	10.1	15.9
3550.0	3902.0	15.1	10.6
3537.5	3902.0	12.7	8.7
3525.0	3902.0	-.6	8.5
3512.5	3902.0	6.0	6.8
3500.0	3902.0	9.2	4.9
3487.5	3901.0	8.3	4.5
3475.0	3901.0	5.4	4.7
3462.5	3901.0	-.6	7.5
3450.0	3901.0	5.4	8.5
3437.5	3901.0	18.9	10.1
3425.0	3901.0	13.6	16.0
3412.5	3901.0	13.2	18.5
3400.0	3901.0	28.8	12.6
3387.5	3901.0	17.8	7.9
3375.0	3901.0	-10.3	8.1
3362.5	3901.0	-10.1	4.6
3350.0	3901.0	14.2	5.6
3337.5	3901.0	11.6	5.1
3325.0	3901.0	22.5	2.0
3312.5	3901.0	-12.9	-8.4
3300.0	3901.0	-25.4	-16.5
3287.5	3901.0	-37.8	-25.2
3275.0	3901.0	-28.7	-25.1
3262.5	3901.0	-21.2	-19.8
3250.0	3901.0	-12.4	-6.3
3237.5	3901.0	1.1	2.6
3225.0	3901.0	29.8	4.6
3212.5	3901.0	15.7	.3
3200.0	3901.0	-11.4	-4.5

3187.5	3901.0	-33.6	-12.6
3175.0	3901.0	-23.2	-14.2
3162.5	3901.0	-10.4	-13.1
3150.0	3901.0	7.6	-4.6
3137.5	3901.0	-6.1	.4
3125.0	3901.0	9.0	2.8
3112.5	3901.0	1.7	2.1
3100.0	3901.0	2.0	1.0
3087.5	3901.0	3.8	-4.4
3075.0	3901.0	-11.5	-7.8
3062.5	3901.0	-17.8	-9.4
3050.0	3901.0	-15.4	-9.6
3037.5	3901.0	-6.3	-8.6
3025.0	3901.0	2.9	-5.6
3012.5	3901.0	-6.4	-1.0
3000.0	3901.0	-3.0	1.3
2987.5	3901.0	7.9	4.0
2975.0	3901.0	5.1	4.5
2962.5	3901.0	16.4	6.5
2950.0	3901.0	-4.0	6.6
2937.5	3901.0	7.1	9.2
2925.0	3901.0	8.3	7.7
2912.5	3901.0	18.2	8.5
2900.0	3901.0	8.8	9.2
2887.5	3901.0	.0	9.5
2875.0	3901.0	10.5	6.2
2862.5	3901.0	10.0	4.5
2850.0	3901.0	1.8	4.0
2837.5	3901.0	.0	-.5
2825.0	3901.0	-2.5	-4.6
2812.5	3901.0	-12.0	-5.1
2800.0	3901.0	-10.5	-9.1
2787.5	3901.0	-.6	-12.3
2775.0	3901.0	-19.8	-14.7
2762.5	3901.0	-18.8	-17.4
2750.0	3901.0	-23.7	-19.0
2737.5	3901.0	-24.1	-16.9
2725.0	3901.0	-8.5	-12.4
2712.5	3901.0	-9.3	-7.3
2700.0	3901.0	3.6	-1.7
2687.5	3901.0	1.9	-1.1
2675.0	3901.0	4.0	-2.1
2662.5	3901.0	-5.9	-7.3
2650.0	3901.0	-14.1	-13.3
2637.5	3901.0	-22.6	-21.0
2625.0	3901.0	-27.7	-27.3
2612.5	3901.0	-34.6	-32.9
2600.0	3901.0	-37.5	-37.1
2587.5	3901.0	-42.2	-40.0
2575.0	3901.0	-43.6	-42.8
2562.5	3901.0	-42.3	-46.1
2550.0	3901.0	-48.3	-49.3
2537.5	3901.0	-53.9	-53.3

2525.0	3901.0	-58.4	-57.5
2512.5	3901.0	-63.6	-59.1
2500.0	3901.0	-63.1	-57.5
2487.5	3901.0	-56.7	-54.9
2475.0	3901.0	-45.9	-49.7
2462.5	3901.0	-45.4	-46.8
2450.0	3901.0	-37.6	-45.7
2437.5	3901.0	-48.4	-44.2
2425.0	3901.0	-51.3	-38.0
2412.5	3901.0	-38.3	-38.1
2400.0	3901.0	-14.4	-34.7

1.10 Line 4000N, West of Baseline 2400E

2387.5	4000.0	-53.4	-73.8
2375.0	4000.0	-76.5	-38.7
2362.5	4000.0	-126.7	-39.6
2350.0	4000.0	102.1	-35.1
2337.5	4000.0	-43.5	-19.6
2325.0	4000.0	-30.7	17.7
2312.5	4000.0	1.0	31.8
2300.0	4000.0	59.4	141.2
2287.5	4000.0	172.9	203.9
2275.0	4000.0	503.4	226.0
2262.5	4000.0	282.6	229.7
2250.0	4000.0	111.6	266.1
2237.5	4000.0	77.8	192.8
2225.0	4000.0	355.3	158.5
2212.5	4000.0	136.8	151.7
2200.0	4000.0	111.1	147.0
2187.5	4000.0	77.3	83.4
2175.0	4000.0	54.6	62.3
2162.5	4000.0	37.2	45.9
2150.0	4000.0	31.4	35.8
2137.5	4000.0	28.9	30.4
2125.0	4000.0	27.0	28.6
2112.5	4000.0	27.7	29.2
2100.0	4000.0	28.2	30.9
2087.5	4000.0	34.4	35.2
2075.0	4000.0	37.0	43.1
2062.5	4000.0	48.5	52.6
2050.0	4000.0	67.4	60.6
2037.5	4000.0	75.6	67.0
2025.0	4000.0	74.4	69.2
2012.5	4000.0	69.0	64.2
2000.0	4000.0	59.7	54.2
1987.5	4000.0	42.3	41.9
1975.0	4000.0	25.5	29.0
1962.5	4000.0	12.8	14.8
1950.0	4000.0	4.5	3.2
1937.5	4000.0	-11.0	-7.3
1925.0	4000.0	-15.9	-15.7

1912.5	4000.0	-26.7	-22.1
1900.0	4000.0	-29.6	-25.9
1887.5	4000.0	-27.5	-29.3
1875.0	4000.0	-30.0	-30.4
1862.5	4000.0	-32.7	-32.0
1850.0	4000.0	-32.0	-34.8
1837.5	4000.0	-38.0	-35.9
1825.0	4000.0	-41.4	-36.4
1812.5	4000.0	-35.4	-35.8
1800.0	4000.0	-35.1	-32.0
1787.5	4000.0	-29.1	-27.0
1775.0	4000.0	-19.2	-21.7
1762.5	4000.0	-16.1	-15.1
1750.0	4000.0	-9.2	-9.5
1737.5	4000.0	-2.1	-6.0
1725.0	4000.0	-.8	-3.1
1712.5	4000.0	-1.6	-1.5
1700.0	4000.0	-1.6	-1.3

1.11 Line 4000N, East of Baseline 2400E

2400.0	4001.0	-51.1	-30.7
2412.5	4001.0	-30.4	-16.9
2425.0	4001.0	-10.6	9.6
2437.5	4001.0	24.4	46.3
2450.0	4001.0	115.5	80.6
2462.5	4001.0	132.6	82.0
2475.0	4001.0	141.3	89.7
2487.5	4001.0	-3.7	63.6
2500.0	4001.0	63.0	25.9
2512.5	4001.0	-15.0	-12.3
2525.0	4001.0	-55.9	-21.0
2537.5	4001.0	-50.1	-41.6
2550.0	4001.0	-46.9	-45.3
2562.5	4001.0	-40.3	-40.0
2575.0	4001.0	-33.5	-33.4
2587.5	4001.0	-29.1	-26.4
2600.0	4001.0	-17.2	-17.5
2612.5	4001.0	-12.0	-8.7
2625.0	4001.0	4.2	-2.8
2637.5	4001.0	10.8	-2.8
2650.0	4001.0	.4	-4.3
2662.5	4001.0	-17.3	-11.1
2675.0	4001.0	-19.7	-17.4
2687.5	4001.0	-29.9	-18.4
2700.0	4001.0	-20.4	-17.5
2712.5	4001.0	-4.8	-14.5
2725.0	4001.0	-12.6	-7.7
2737.5	4001.0	-4.8	-2.9
2750.0	4001.0	4.3	-.6
2762.5	4001.0	3.5	4.1
2775.0	4001.0	6.8	4.7

2787.5	4001.0	10.5	1.1
2800.0	4001.0	-1.5	-.9
2812.5	4001.0	-14.0	-2.7
2825.0	4001.0	-6.5	-6.4
2837.5	4001.0	-1.9	-6.2
2850.0	4001.0	-8.1	-1.7
2862.5	4001.0	-.5	1.3
2875.0	4001.0	8.3	4.3
2887.5	4001.0	8.7	8.9
2900.0	4001.0	13.3	14.4
2912.5	4001.0	14.9	21.1
2925.0	4001.0	26.9	30.1
2937.5	4001.0	41.8	38.9
2950.0	4001.0	53.6	43.0
2962.5	4001.0	57.4	37.5
2975.0	4001.0	35.4	28.4
2987.5	4001.0	-.9	18.1
3000.0	4001.0	-3.5	5.3
3012.5	4001.0	2.2	-4.4
3025.0	4001.0	-6.8	-6.3
3037.5	4001.0	-13.2	-6.2
3050.0	4001.0	-10.0	-6.2
3062.5	4001.0	-3.1	-5.4
3075.0	4001.0	2.1	-3.6
3087.5	4001.0	-2.9	-4.8
3100.0	4001.0	-4.2	-3.4
3112.5	4001.0	-15.9	-2.5
3125.0	4001.0	3.8	.7
3137.5	4001.0	6.7	6.4
3150.0	4001.0	13.0	10.8
3162.5	4001.0	24.5	9.0
3175.0	4001.0	5.9	8.6
3187.5	4001.0	-5.1	9.0
3200.0	4001.0	4.8	8.8
3212.5	4001.0	15.0	10.1
3225.0	4001.0	23.6	10.4
3237.5	4001.0	12.2	9.8
3250.0	4001.0	-3.4	8.7
3262.5	4001.0	1.6	7.3
3275.0	4001.0	9.6	9.0
3287.5	4001.0	16.4	15.0
3300.0	4001.0	20.7	21.5
3312.5	4001.0	26.6	22.9
3325.0	4001.0	34.1	23.3
3337.5	4001.0	16.8	21.8
3350.0	4001.0	18.3	19.5
3362.5	4001.0	13.2	12.1
3375.0	4001.0	15.2	5.8
3387.5	4001.0	-2.8	-1.9
3400.0	4001.0	-15.0	-11.5
3412.5	4001.0	-20.1	-23.4
3425.0	4001.0	-34.7	-31.2
3437.5	4001.0	-44.4	-37.8

3450.0	4001.0	-41.7	-43.7
3462.5	4001.0	-48.2	-46.7
3475.0	4001.0	-49.3	-42.7
3487.5	4001.0	-50.1	-42.9
3500.0	4001.0	-24.1	-41.2
3512.5	4002.0	-2.2	-5.3
3525.0	4002.0	-9.6	-2.0
3537.5	4002.0	6.3	3.7
3550.0	4002.0	10.9	8.7
3562.5	4002.0	13.3	16.8
3575.0	4002.0	22.4	24.3
3587.5	4002.0	31.2	30.5
3600.0	4002.0	43.6	38.6
3612.5	4002.0	42.2	39.2
3625.0	4002.0	53.8	35.5
3637.5	4002.0	25.2	28.1
3650.0	4002.0	12.9	17.7
3662.5	4002.0	6.5	-1.6
3675.0	4002.0	-9.9	-11.0
3687.5	4002.0	-42.8	-17.6
3700.0	4002.0	-21.5	-18.9
3712.5	4002.0	-20.3	-9.2
3725.0	4002.0	.2	15.9
3737.5	4002.0	38.2	37.4
3750.0	4002.0	82.7	66.8
3762.5	4002.0	86.2	96.9
3775.0	4002.0	126.9	105.6
3787.5	4002.0	150.5	99.0
3800.0	4002.0	81.9	80.0
3812.5	4002.0	49.7	60.1
3825.0	4002.0	-9.0	37.1
3837.5	4002.0	27.4	28.2
3850.0	4002.0	35.6	20.0
3862.5	4002.0	37.4	24.1
3875.0	4002.0	8.6	22.4
3887.5	4002.0	11.3	15.5
3900.0	4002.0	19.3	9.5
3912.5	4002.0	.7	8.5
3925.0	4002.0	7.4	3.2
3937.5	4002.0	4.0	-1.3
3950.0	4002.0	-15.3	-1.5
3962.5	4002.0	-3.5	-4.2
3975.0	4002.0	-.2	-4.0
3987.5	4002.0	-6.0	1.6
4000.0	4002.0	4.8	4.4
4012.5	4002.0	13.1	1.7
4025.0	4002.0	10.2	.7
4037.5	4002.0	-13.7	-4.5
4050.0	4002.0	-11.0	-13.0
4062.5	4002.0	-21.1	-12.1
4075.0	4002.0	-29.4	-2.8
4087.5	4002.0	14.9	4.9
4100.0	4002.0	32.6	11.6

4112.5	4002.0	27.6	20.0
4125.0	4002.0	12.4	21.5
4137.5	4002.0	12.5	19.1
4150.0	4002.0	22.2	17.0
4162.5	4002.0	21.0	22.5
4175.0	4002.0	16.8	31.8
4187.5	4002.0	40.0	36.2
4200.0	4002.0	59.2	38.5
4212.5	4002.0	44.1	41.1
4225.0	4002.0	32.4	39.1
4237.5	4002.0	29.6	35.7
4250.0	4002.0	30.2	34.9
4262.5	4002.0	42.1	29.7
4275.0	4002.0	40.4	37.3
4287.5	4002.0	6.1	40.4
4300.0	4002.0	67.7	33.3
4312.5	4002.0	45.7	30.2
4325.0	4002.0	6.6	33.3
4337.5	4002.0	24.9	25.0
4350.0	4002.0	21.8	19.6
4362.5	4002.0	26.0	21.4
4375.0	4002.0	18.8	22.6
4387.5	4002.0	15.5	27.8
4400.0	4002.0	31.0	34.4
4412.5	4002.0	47.5	35.4
4425.0	4002.0	59.1	39.2
4437.5	4002.0	23.8	41.7
4450.0	4002.0	34.7	40.8
4462.5	4002.0	43.2	40.2
4475.0	4002.0	43.0	47.4
4487.5	4002.0	56.2	52.0
4500.0	4002.0	60.1	54.3
4512.5	4002.0	57.4	55.1
4525.0	4002.0	54.8	53.9
4537.5	4002.0	47.1	51.9
4550.0	4002.0	50.1	52.3
4562.5	4002.0	50.0	53.3
4575.0	4002.0	59.4	51.9
4587.5	4002.0	59.8	48.2
4600.0	4002.0	40.4	48.5
4612.5	4002.0	31.2	49.3
4625.0	4002.0	51.6	49.8
4637.5	4002.0	63.4	52.3
4650.0	4002.0	62.5	57.7
4662.5	4002.0	53.0	59.2
4675.0	4002.0	58.2	58.6
4687.5	4002.0	59.0	56.1
4700.0	4002.0	60.3	56.0
4712.5	4002.0	49.8	53.0
4725.0	4002.0	52.6	49.2
4737.5	4002.0	43.3	48.7
4750.0	4002.0	40.0	52.6
4762.5	4002.0	57.8	56.5

4775.0	4002.0	69.4	61.0
4787.5	4002.0	72.0	66.3
4800.0	4002.0	66.0	69.1

1.12 Line 4025N

4800.0	4012.0	76.8	71.1
4787.5	4012.0	68.1	68.7
4775.0	4012.0	68.3	66.4
4762.5	4012.0	61.6	61.2
4750.0	4012.0	57.3	57.6
4737.5	4012.0	50.8	56.6
4725.0	4012.0	50.1	55.1
4712.5	4012.0	63.2	53.7
4700.0	4012.0	53.9	48.9
4687.5	4012.0	50.7	50.4
4675.0	4012.0	26.8	50.4
4662.5	4012.0	57.2	49.9
4650.0	4012.0	63.3	50.5
4637.5	4012.0	51.7	57.4
4625.0	4012.0	53.5	56.4
4612.5	4012.0	61.3	57.5
4600.0	4012.0	52.2	56.3
4587.5	4012.0	68.6	53.3
4575.0	4012.0	45.9	53.8
4562.5	4012.0	38.4	57.4
4550.0	4012.0	64.0	58.3
4537.5	4012.0	69.9	61.7
4525.0	4012.0	73.1	63.2
4512.5	4012.0	63.3	56.1
4500.0	4012.0	45.9	47.6
4487.5	4012.0	28.2	38.2
4475.0	4012.0	27.4	35.2
4462.5	4012.0	26.0	36.7
4450.0	4012.0	48.7	38.5
4437.5	4012.0	53.0	37.9
4425.0	4012.0	37.3	36.1
4412.5	4012.0	24.7	33.0
4400.0	4012.0	17.0	26.3

1.13 Line 4075N

4400.0	4112.0	28.8	37.8
4412.5	4112.0	39.8	40.4
4425.0	4112.0	44.7	41.7
4437.5	4112.0	48.4	45.4
4450.0	4112.0	46.8	48.7
4462.5	4112.0	47.3	50.5
4475.0	4112.0	56.4	53.4
4487.5	4112.0	53.4	54.1

4500.0	4112.0	63.3	54.5
4512.5	4112.0	50.3	52.0
4525.0	4112.0	48.9	50.9
4537.5	4112.0	43.9	48.2
4550.0	4112.0	48.3	49.2
4562.5	4112.0	49.8	50.4
4575.0	4112.0	55.3	51.4
4587.5	4112.0	54.5	49.3
4600.0	4112.0	48.9	47.3
4612.5	4112.0	38.2	43.8
4625.0	4112.0	39.8	43.7
4637.5	4112.0	37.5	44.2
4650.0	4112.0	54.3	45.2
4662.5	4112.0	51.2	46.9
4675.0	4112.0	43.2	50.3
4687.5	4112.0	48.5	48.7
4700.0	4112.0	54.4	47.0
4712.5	4112.0	46.2	47.0
4725.0	4112.0	42.8	48.8
4737.5	4112.0	43.0	52.3
4750.0	4112.0	57.6	56.2
4762.5	4112.0	72.1	60.3
4775.0	4112.0	65.7	61.6
4787.5	4112.0	63.1	62.5
4800.0	4112.0	49.3	59.4

1.14 Line 4100N, West of Baseline 2400E

1700.0	4100.0	-8.2	-10.6
1712.5	4100.0	-11.1	-11.7
1725.0	4100.0	-12.5	-12.9
1737.5	4100.0	-15.0	-14.9
1750.0	4100.0	-17.8	-16.4
1762.5	4100.0	-18.1	-18.0
1775.0	4100.0	-18.4	-19.4
1787.5	4100.0	-20.7	-20.9
1800.0	4100.0	-21.8	-20.9
1812.5	4100.0	-25.6	-20.9
1825.0	4100.0	-18.2	-19.5
1837.5	4100.0	-18.3	-16.5
1850.0	4100.0	-13.4	-12.0
1862.5	4100.0	-7.0	-6.5
1875.0	4100.0	-3.0	3.7
1887.5	4100.0	9.1	13.8
1900.0	4100.0	32.7	23.2
1912.5	4100.0	37.3	33.0
1925.0	4100.0	39.9	38.7
1937.5	4100.0	45.8	37.4
1950.0	4100.0	37.7	33.4
1962.5	4100.0	26.2	31.9
1975.0	4100.0	17.6	29.8
1987.5	4100.0	32.0	26.5

2000.0	4100.0	35.5	22.2
2012.5	4100.0	21.4	19.4
2025.0	4100.0	4.5	14.3
2037.5	4100.0	3.5	10.0
2050.0	4100.0	6.8	10.6
2062.5	4100.0	13.6	15.2
2075.0	4100.0	24.4	22.7
2087.5	4100.0	27.9	31.3
2100.0	4100.0	40.8	39.2
2112.5	4100.0	49.6	50.1
2125.0	4100.0	53.3	67.6
2137.5	4100.0	79.1	88.1
2150.0	4100.0	115.0	94.8
2162.5	4100.0	143.3	87.8
2175.0	4100.0	83.4	75.3
2187.5	4100.0	18.2	74.7
2200.0	4100.0	16.4	93.8
2212.5	4100.0	112.2	89.9
2225.0	4100.0	238.9	78.0
2237.5	4100.0	63.7	61.0
2250.0	4100.0	-41.1	23.6
2262.5	4100.0	-68.8	-38.2
2275.0	4100.0	-74.6	-64.2
2287.5	4100.0	-70.0	-51.1
2300.0	4100.0	-66.6	-50.9
2312.5	4100.0	24.7	-49.8
2325.0	4100.0	-68.1	-47.6
2337.5	4100.0	-69.2	-43.0
2350.0	4100.0	-58.7	-53.7
2362.5	4100.0	-43.7	-40.3
2375.0	4100.0	-29.0	-17.8
2387.5	4100.0	-.9	-7.5

1.15 Line 4100N, East of Baseline 2400E

4800.0	4102.0	59.9	63.4
4787.5	4102.0	72.3	61.1
4775.0	4102.0	58.0	58.4
4762.5	4102.0	54.2	52.3
4750.0	4102.0	47.8	43.3
4737.5	4102.0	29.1	33.1
4725.0	4102.0	27.3	21.7
4712.5	4102.0	7.0	19.6
4700.0	4102.0	-2.5	22.0
4687.5	4102.0	37.1	22.8
4675.0	4102.0	41.1	23.9
4662.5	4102.0	31.2	26.5
4650.0	4102.0	12.4	23.7
4637.5	4102.0	10.9	23.8
4625.0	4102.0	22.9	23.8
4612.5	4102.0	41.6	29.5
4600.0	4102.0	31.1	34.7

4587.5	4102.0	40.9	38.4
4575.0	4102.0	37.1	38.3
4562.5	4102.0	41.1	43.0
4550.0	4102.0	41.4	44.1
4537.5	4102.0	54.6	47.8
4525.0	4102.0	46.3	49.2
4512.5	4102.0	55.5	52.2
4500.0	4102.0	48.4	51.1
4487.5	4102.0	56.3	53.0
4475.0	4102.0	49.1	54.9
4462.5	4102.0	55.5	55.2
4450.0	4102.0	65.4	55.2
4437.5	4102.0	49.9	58.1
4425.0	4102.0	56.0	56.3
4412.5	4102.0	63.8	51.4
4400.0	4102.0	46.6	48.5
4387.5	4102.0	40.9	47.8
4375.0	4102.0	35.2	43.2
4362.5	4102.0	52.4	41.3
4350.0	4102.0	40.9	39.1
4337.5	4102.0	37.2	37.7
4325.0	4102.0	30.0	31.7
4312.5	4102.0	27.9	29.6
4300.0	4102.0	22.4	25.9
4287.5	4102.0	30.3	24.6
4275.0	4102.0	18.8	23.6
4262.5	4102.0	23.8	21.5
4250.0	4102.0	22.8	17.5
4237.5	4102.0	11.8	18.1
4225.0	4102.0	10.2	18.7
4212.5	4102.0	21.8	18.5
4200.0	4102.0	27.0	20.6
4187.5	4102.0	21.9	25.6
4175.0	4102.0	22.1	28.1
4162.5	4102.0	35.1	29.2
4150.0	4102.0	34.2	30.6
4137.5	4102.0	32.5	32.1
4125.0	4102.0	29.1	27.7
4112.5	4102.0	29.8	25.8
4100.0	4102.0	12.8	24.9
4087.5	4102.0	24.8	21.1
4075.0	4102.0	28.2	16.1
4062.5	4102.0	10.0	13.5
4050.0	4102.0	4.8	8.5
4037.5	4102.0	-.4	2.0
4025.0	4102.0	-.1	3.0
4012.5	4102.0	-4.1	8.7
4000.0	4102.0	14.9	15.1
3987.5	4102.0	33.3	17.6
3975.0	4102.0	31.6	15.6
3962.5	4102.0	12.5	13.4
3950.0	4102.0	-14.2	9.3
3937.5	4102.0	3.6	7.4

3925.0	4102.0	12.9	11.2
3912.5	4102.0	22.4	18.2
3900.0	4102.0	31.2	23.2
3887.5	4102.0	20.7	27.5
3875.0	4102.0	28.9	28.9
3862.5	4102.0	34.5	25.0
3850.0	4102.0	29.0	22.5
3837.5	4102.0	12.0	15.8
3825.0	4102.0	8.0	8.9
3812.5	4102.0	-4.6	-2.0
3800.0	4102.0	.2	-10.8
3787.5	4102.0	-25.8	-17.2
3775.0	4102.0	-31.6	-20.5
3762.5	4102.0	-24.2	-22.6
3750.0	4102.0	-20.9	-16.0
3737.5	4102.0	-10.3	-6.3
3725.0	4102.0	7.2	-.5
3712.5	4102.0	16.6	2.6
3700.0	4102.0	4.8	1.4
3687.5	4102.0	-5.1	-4.8
3675.0	4102.0	-16.6	-12.5
3662.5	4102.0	-23.8	-17.2
3650.0	4102.0	-21.8	-20.9
3637.5	4102.0	-18.5	-23.6
3625.0	4102.0	-23.6	1.0
3612.5	4102.0	-30.1	22.7
3600.0	4102.0	99.0	22.5
3587.5	4102.0	86.6	23.2
3575.0	4102.0	-19.6	26.7
3562.5	4102.0	-19.9	2.2
3550.0	4102.0	-12.7	-20.6
3537.5	4102.0	-23.4	-21.9
3525.0	4102.0	-27.2	-25.8
3512.5	4102.0	-26.1	-29.0
3500.0	4102.0	-39.4	-30.9
3487.5	4101.0	-35.6	-34.7
3475.0	4101.0	-35.4	-30.3
3462.5	4101.0	-27.2	-19.9
3450.0	4101.0	-12.5	-12.7
3437.5	4101.0	11.3	-3.4
3425.0	4101.0	.4	3.4
3412.5	4101.0	11.2	7.9
3400.0	4101.0	6.8	8.6
3387.5	4101.0	9.9	12.6
3375.0	4101.0	14.8	16.0
3362.5	4101.0	20.1	19.5
3350.0	4101.0	28.5	22.4
3337.5	4101.0	24.3	27.0
3325.0	4101.0	24.4	22.3
3312.5	4101.0	37.6	14.7
3300.0	4101.0	-3.1	6.0
3287.5	4101.0	-9.9	.6
3275.0	4101.0	-19.2	-7.9

3262.5	4101.0	-2.6	-11.9
3250.0	4101.0	-4.7	-14.3
3237.5	4101.0	-23.3	-15.7
3225.0	4101.0	-21.7	-23.0
3212.5	4101.0	-26.2	-30.7
3200.0	4101.0	-39.2	-35.3
3187.5	4101.0	-43.1	-43.1
3175.0	4101.0	-46.4	-43.5
3162.5	4101.0	-60.8	-42.1
3150.0	4101.0	-28.1	-38.7
3137.5	4101.0	-32.1	-34.0
3125.0	4101.0	-26.3	-30.2
3112.5	4101.0	-22.5	-31.8
3100.0	4101.0	-41.8	-30.5
3087.5	4101.0	-36.2	-31.2
3075.0	4101.0	-25.6	-35.5
3062.5	4101.0	-30.0	-40.1
3050.0	4101.0	-43.8	-37.4
3037.5	4101.0	-64.7	-34.3
3025.0	4101.0	-22.9	-37.9
3012.5	4101.0	-10.3	-37.6
3000.0	4101.0	-48.0	-31.0
2987.5	4101.0	-42.0	-25.8
2975.0	4101.0	-31.6	-20.0
2962.5	4101.0	2.9	-4.9
2950.0	4101.0	18.8	6.0
2937.5	4101.0	27.2	13.8
2925.0	4101.0	12.7	16.0
2912.5	4101.0	7.5	13.4
2900.0	4101.0	13.6	7.9
2887.5	4101.0	6.1	7.5
2875.0	4101.0	-.5	8.1
2862.5	4101.0	10.7	3.5
2850.0	4101.0	10.5	1.6
2837.5	4101.0	-9.4	3.1
2825.0	4101.0	-3.5	.2
2812.5	4101.0	7.1	-4.2
2800.0	4101.0	-3.8	-5.5
2787.5	4101.0	-11.5	-7.8
2775.0	4101.0	-15.7	-12.6
2762.5	4101.0	-15.1	-12.7
2750.0	4101.0	-17.0	-6.0
2737.5	4101.0	-4.1	3.8
2725.0	4101.0	21.8	12.1
2712.5	4101.0	33.3	19.3
2700.0	4101.0	26.5	21.2
2687.5	4101.0	19.0	15.9
2675.0	4101.0	5.4	7.3
2662.5	4101.0	-4.8	-2.9
2650.0	4101.0	-9.7	-13.5
2637.5	4101.0	-24.3	-22.7
2625.0	4101.0	-34.3	-31.7
2612.5	4101.0	-40.4	-40.4

2600.0	4101.0	-49.9	-46.9
2587.5	4101.0	-53.1	-51.8
2575.0	4101.0	-56.6	-56.2
2562.5	4101.0	-59.1	-59.2
2550.0	4101.0	-62.3	-63.2
2537.5	4101.0	-65.0	-67.3
2525.0	4101.0	-72.9	-73.1
2512.5	4101.0	-77.1	-77.5
2500.0	4101.0	-88.3	-82.6
2487.5	4101.0	-84.4	-86.8
2475.0	4101.0	-90.5	-87.3
2462.5	4101.0	-93.7	-65.7
2450.0	4101.0	-79.8	5.5
2437.5	4101.0	19.8	38.7
2425.0	4101.0	271.9	66.1
2412.5	4101.0	75.5	102.6
2400.0	4101.0	43.1	130.2

1.16 Line 4200N, West of Baseline 2400E

2387.5	4200.0	-29.1	36.6
2375.0	4200.0	82.2	35.0
2362.5	4200.0	138.0	36.5
2350.0	4200.0	28.9	36.1
2337.5	4200.0	-37.5	10.6
2325.0	4200.0	-31.2	-23.6
2312.5	4200.0	-45.1	-17.8
2300.0	4200.0	-33.1	7.1
2287.5	4200.0	57.8	18.0
2275.0	4200.0	87.1	33.1
2262.5	4200.0	23.2	40.3
2250.0	4200.0	30.7	25.1
2237.5	4200.0	2.6	.1
2225.0	4200.0	-18.0	-12.8
2212.5	4200.0	-37.9	-22.7
2200.0	4200.0	-41.5	-15.5
2187.5	4200.0	-18.9	5.9
2175.0	4200.0	39.0	25.2
2162.5	4200.0	88.8	53.7
2150.0	4200.0	58.4	133.7
2137.5	4200.0	101.3	302.6
2125.0	4200.0	381.2	397.7
2112.5	4200.0	883.5	437.5
2100.0	4200.0	564.2	442.9
2087.5	4200.0	257.3	414.6
2075.0	4200.0	128.4	280.3
2062.5	4200.0	239.7	182.6
2050.0	4200.0	212.0	138.4
2037.5	4200.0	75.8	112.7
2025.0	4200.0	36.0	62.5
2012.5	4200.0	.1	16.7
2000.0	4200.0	-11.5	1.9

1987.5	4200.0	-17.0	.7
1975.0	4200.0	2.0	10.5
1962.5	4200.0	30.0	28.7
1950.0	4200.0	49.2	43.6
1937.5	4200.0	79.3	50.1
1925.0	4200.0	57.7	46.8
1912.5	4200.0	34.1	39.0
1900.0	4200.0	13.7	24.9
1887.5	4200.0	10.3	15.2
1875.0	4200.0	8.9	9.6
1862.5	4200.0	8.9	8.3
1850.0	4200.0	6.3	7.1
1837.5	4200.0	7.3	5.2
1825.0	4200.0	4.3	2.7
1812.5	4200.0	-1.0	.1
1800.0	4200.0	-3.5	-3.0
1787.5	4200.0	-6.8	-6.0
1775.0	4200.0	-8.2	-7.7
1762.5	4200.0	-10.3	-9.3
1750.0	4200.0	-9.7	-10.1
1737.5	4200.0	-11.5	-10.6
1725.0	4200.0	-11.0	-10.5
1712.5	4200.0	-10.5	-10.8
1700.0	4200.0	-10.0	-10.5

1.17 Line 4200N, East of Baseline 2400E

2400.0	4201.0	-47.7	-49.6
2412.5	4201.0	-52.1	-42.8
2425.0	4201.0	-49.1	-38.0
2437.5	4201.0	-22.2	-33.0
2450.0	4201.0	-18.8	-26.4
2462.5	4201.0	-22.6	-20.5
2475.0	4201.0	-19.5	-18.9
2487.5	4201.0	-19.6	-15.5
2500.0	4201.0	-14.1	-9.4
2512.5	4201.0	-1.5	4.7
2525.0	4201.0	7.5	27.4
2537.5	4201.0	51.2	47.7
2550.0	4201.0	93.8	52.8
2562.5	4201.0	87.6	47.1
2575.0	4201.0	23.7	28.4
2587.5	4201.0	-20.9	3.5
2600.0	4201.0	-42.4	-19.8
2612.5	4201.0	-30.4	-27.5
2625.0	4201.0	-29.1	-25.6
2637.5	4201.0	-14.8	-18.6
2650.0	4201.0	-11.5	-16.2
2662.5	4201.0	-7.4	-17.8
2675.0	4201.0	-18.4	-24.5
2687.5	4201.0	-37.0	-30.9
2700.0	4201.0	-48.2	-38.6

2712.5	4201.0	-43.6	-43.1
2725.0	4201.0	-46.0	-43.4
2737.5	4201.0	-40.6	-39.8
2750.0	4201.0	-38.7	-34.2
2762.5	4201.0	-30.0	-29.0
2775.0	4201.0	-15.6	-27.0
2787.5	4201.0	-20.1	-25.7
2800.0	4201.0	-30.5	-26.0
2812.5	4201.0	-32.1	-24.2
2825.0	4201.0	-31.9	-23.1
2837.5	4201.0	-6.6	-21.8
2850.0	4201.0	-14.6	-14.9
2862.5	4201.0	-23.9	-12.0
2875.0	4201.0	2.3	-14.1
2887.5	4201.0	-17.0	-23.4
2900.0	4201.0	-17.4	-30.4
2912.5	4201.0	-61.1	-41.5
2925.0	4201.0	-58.7	-44.3
2937.5	4201.0	-53.3	-47.1
2950.0	4201.0	-30.8	-38.8
2962.5	4201.0	-31.8	-26.6
2975.0	4201.0	-19.4	-14.8
2987.5	4201.0	2.3	-11.7
3000.0	4201.0	5.9	-8.5
3012.5	4201.0	-15.7	-6.8
3025.0	4201.0	-15.7	-11.5
3037.5	4201.0	-10.7	-13.3
3050.0	4201.0	-21.4	-10.8
3062.5	4201.0	-2.8	-12.4
3075.0	4201.0	-3.3	-9.7
3087.5	4201.0	-23.6	-5.6
3100.0	4201.0	2.6	-8.0
3112.5	4201.0	-.9	-11.4
3125.0	4201.0	-14.9	-10.6
3137.5	4201.0	-20.0	-14.6
3150.0	4201.0	-19.6	-17.7
3162.5	4201.0	-17.8	-14.5
3175.0	4201.0	-16.0	-11.1
3187.5	4201.0	.7	-5.6
3200.0	4201.0	-3.0	-.9
3212.5	4201.0	8.2	3.7
3225.0	4201.0	5.5	6.2
3237.5	4201.0	7.1	9.7
3250.0	4201.0	13.4	11.8
3262.5	4201.0	14.3	15.0
3275.0	4201.0	18.5	18.3
3287.5	4201.0	21.7	19.3
3300.0	4201.0	23.5	18.5
3312.5	4201.0	18.4	16.9
3325.0	4201.0	10.5	17.0
3337.5	4201.0	10.2	17.4
3350.0	4201.0	22.4	15.3
3362.5	4201.0	25.6	11.5

3375.0	4201.0	7.6	5.0
3387.5	4201.0	-8.1	-7.4
3400.0	4201.0	-22.5	-15.3
3412.5	4201.0	-39.6	-22.4
3425.0	4201.0	-13.7	-24.0
3437.5	4201.0	-28.2	-28.1
3450.0	4201.0	-15.8	-26.0
3462.5	4201.0	-43.0	-26.7
3475.0	4201.0	-29.5	-19.4
3487.5	4201.0	-17.1	-20.3
3500.0	4201.0	8.4	-12.7

1.18 Line 4300N, West of Baseline 2400E

1700.0	4300.0	-9.2	-6.5
1712.5	4300.0	-6.9	-4.9
1725.0	4300.0	-3.5	-2.5
1737.5	4300.0	.1	2.0
1750.0	4300.0	7.0	7.4
1762.5	4300.0	13.1	13.8
1775.0	4300.0	20.4	21.9
1787.5	4300.0	28.6	29.2
1800.0	4300.0	40.2	36.2
1812.5	4300.0	43.9	41.6
1825.0	4300.0	47.7	44.8
1837.5	4300.0	47.7	44.8
1850.0	4300.0	44.4	42.9
1862.5	4300.0	40.1	40.8
1875.0	4300.0	34.6	40.1
1887.5	4300.0	37.0	52.5
1900.0	4300.0	44.3	73.3
1912.5	4300.0	106.4	82.4
1925.0	4300.0	144.0	71.6
1937.5	4300.0	80.3	63.2
1950.0	4300.0	-17.2	45.5
1962.5	4300.0	2.5	23.5
1975.0	4300.0	18.1	19.6
1987.5	4300.0	33.7	35.7
2000.0	4300.0	60.9	52.3
2012.5	4300.0	63.3	91.4
2025.0	4300.0	85.7	204.6
2037.5	4300.0	213.6	437.4
2050.0	4300.0	599.7	451.6
2062.5	4300.0	1224.6	405.7
2075.0	4300.0	134.6	354.0
2087.5	4300.0	-143.8	256.7
2100.0	4300.0	-45.0	8.3
2112.5	4300.0	113.3	-30.0
2125.0	4300.0	-17.6	-17.0
2137.5	4300.0	-56.7	-22.6
2150.0	4300.0	-79.1	-58.5

2162.5	4300.0	-72.7	-67.2
2175.0	4300.0	-66.6	-65.9
2187.5	4300.0	-60.7	-56.3
2200.0	4300.0	-50.5	-36.3
2212.5	4300.0	-31.2	-4.1
2225.0	4300.0	27.6	23.3
2237.5	4300.0	94.1	25.0
2250.0	4300.0	76.5	24.4
2262.5	4300.0	-42.2	3.8
2275.0	4300.0	-34.1	-23.9
2287.5	4300.0	-75.5	-42.0
2300.0	4300.0	-44.2	-31.8
2312.5	4300.0	-13.9	-25.8
2325.0	4300.0	8.9	-18.2
2337.5	4300.0	-4.5	-19.0
2350.0	4300.0	-37.5	-25.8
2362.5	4300.0	-48.2	-38.1
2375.0	4300.0	-47.6	-46.9
2387.5	4300.0	-52.6	-49.3

1.19 Line 4300N, East of Baseline 2400E

1700.0	4300.0	-9.2	-6.5
1712.5	4300.0	-6.9	-4.9
1725.0	4300.0	-3.5	-2.5
1737.5	4300.0	.1	2.0
1750.0	4300.0	7.0	7.4
1762.5	4300.0	13.1	13.8
1775.0	4300.0	20.4	21.9
1787.5	4300.0	28.6	29.2
1800.0	4300.0	40.2	36.2
1812.5	4300.0	43.9	41.6
1825.0	4300.0	47.7	44.8
1837.5	4300.0	47.7	44.8
1850.0	4300.0	44.4	42.9
1862.5	4300.0	40.1	40.8
1875.0	4300.0	34.6	40.1
1887.5	4300.0	37.0	52.5
1900.0	4300.0	44.3	73.3
1912.5	4300.0	106.4	82.4
1925.0	4300.0	144.0	71.6
1937.5	4300.0	80.3	63.2
1950.0	4300.0	-17.2	45.5
1962.5	4300.0	2.5	23.5
1975.0	4300.0	18.1	19.6
1987.5	4300.0	33.7	35.7
2000.0	4300.0	60.9	52.3
2012.5	4300.0	63.3	91.4
2025.0	4300.0	85.7	204.6
2037.5	4300.0	213.6	437.4
2050.0	4300.0	599.7	451.6
2062.5	4300.0	1224.6	405.7

2075.0	4300.0	134.6	354.0
2087.5	4300.0	-143.8	256.7
2100.0	4300.0	-45.0	8.3
2112.5	4300.0	113.3	-30.0
2125.0	4300.0	-17.6	-17.0
2137.5	4300.0	-56.7	-22.6
2150.0	4300.0	-79.1	-58.5
2162.5	4300.0	-72.7	-67.2
2175.0	4300.0	-66.6	-65.9
2187.5	4300.0	-60.7	-56.3
2200.0	4300.0	-50.5	-36.3
2212.5	4300.0	-31.2	-4.1
2225.0	4300.0	27.6	23.3
2237.5	4300.0	94.1	25.0
2250.0	4300.0	76.5	24.4
2262.5	4300.0	-42.2	3.8
2275.0	4300.0	-34.1	-23.9
2287.5	4300.0	-75.5	-42.0
2300.0	4300.0	-44.2	-31.8
2312.5	4300.0	-13.9	-25.8
2325.0	4300.0	8.9	-18.2
2337.5	4300.0	-4.5	-19.0
2350.0	4300.0	-37.5	-25.8
2362.5	4300.0	-48.2	-38.1
2375.0	4300.0	-47.6	-46.9
2387.5	4300.0	-52.6	-49.3

1.19 Line 4300N, East of Baseline 2400E

3500.0	4301.0	-10.9	-12.5
3487.5	4301.0	-10.8	-12.7
3475.0	4301.0	-15.8	-11.7
3462.5	4301.0	-13.4	-11.4
3450.0	4301.0	-7.5	-13.6
3437.5	4301.0	-9.4	-14.4
3425.0	4301.0	-21.8	-15.8
3412.5	4301.0	-19.8	-20.0
3400.0	4301.0	-20.5	-27.4
3387.5	4301.0	-28.5	-25.0
3375.0	4301.0	-46.3	-29.8
3362.5	4301.0	-10.1	-24.6
3350.0	4301.0	-43.7	-17.6
3337.5	4301.0	5.7	-6.3
3325.0	4301.0	6.5	-1.4
3312.5	4301.0	10.0	7.4
3300.0	4301.0	14.3	7.2
3287.5	4301.0	.4	5.7
3275.0	4301.0	4.7	3.0
3262.5	4301.0	-1.1	.4
3250.0	4301.0	-3.3	1.5
3237.5	4301.0	1.2	-1.1
3225.0	4301.0	6.1	2.9

3212.5	4301.0	-8.2	2.9
3200.0	4301.0	18.6	1.7
3187.5	4301.0	-3.4	-.9
3175.0	4301.0	-4.5	4.0
3162.5	4301.0	-6.9	2.3
3150.0	4301.0	16.0	2.1
3137.5	4301.0	10.1	2.0
3125.0	4301.0	-4.0	-1.1
3112.5	4301.0	-5.2	-14.1
3100.0	4301.0	-22.3	-29.6
3087.5	4301.0	-49.2	-43.7
3075.0	4301.0	-67.2	-55.6
3062.5	4301.0	-74.8	-63.2
3050.0	4301.0	-64.3	-59.2
3037.5	4301.0	-60.5	-52.8
3025.0	4301.0	-29.4	-49.0
3012.5	4301.0	-35.0	-36.4
3000.0	4301.0	-55.9	-22.5
2987.5	4301.0	-1.3	-14.6
2975.0	4301.0	9.2	-5.1
2962.5	4301.0	9.9	8.3
2950.0	4301.0	12.6	6.5
2937.5	4301.0	11.3	2.3
2925.0	4301.0	-10.3	-4.5
2912.5	4301.0	-12.2	-12.7
2900.0	4301.0	-24.0	-17.3
2887.5	4301.0	-28.4	-16.7
2875.0	4301.0	-11.5	-14.7
2862.5	4301.0	-7.3	-11.9
2850.0	4301.0	-2.4	-9.7
2837.5	4301.0	-10.1	-14.3
2825.0	4301.0	-17.4	-13.4
2812.5	4301.0	-34.3	-11.5
2800.0	4301.0	-3.0	-10.3
2787.5	4301.0	7.3	-10.2
2775.0	4301.0	-4.1	-7.3
2762.5	4301.0	-17.0	-7.0
2750.0	4301.0	-19.5	-9.0
2737.5	4301.0	-1.6	-11.3
2725.0	4301.0	-2.7	-12.7
2712.5	4301.0	-15.6	-14.0
2700.0	4301.0	-24.0	-20.5
2687.5	4301.0	-26.3	-27.5
2675.0	4301.0	-34.0	-31.9
2662.5	4301.0	-37.5	-33.8
2650.0	4301.0	-37.6	-34.0
2637.5	4301.0	-33.7	-31.6
2625.0	4301.0	-27.4	-28.5
2612.5	4301.0	-21.6	-26.1
2600.0	4301.0	-22.2	-23.9
2587.5	4301.0	-25.6	-25.5
2575.0	4301.0	-22.6	-29.7
2562.5	4301.0	-35.6	-31.0

2550.0	4301.0	-42.6	-23.1
2537.5	4301.0	-28.5	-10.8
2525.0	4301.0	14.0	-.9
2512.5	4301.0	38.5	8.4
2500.0	4301.0	13.9	11.3
2487.5	4301.0	4.2	3.0
2475.0	4301.0	-13.9	-10.1
2462.5	4301.0	-27.7	-18.3
2450.0	4301.0	-27.0	-27.9
2437.5	4301.0	-27.2	-34.4
2425.0	4301.0	-43.7	-38.7
2412.5	4301.0	-46.3	-41.7
2400.0	4301.0	-49.4	-46.5

1.20 Line 4400N, West of Baseline 2400E

2387.5	4400.0	-31.3	-35.5
2375.0	4400.0	-34.0	-37.8
2362.5	4400.0	-43.5	-42.1
2350.0	4400.0	-47.2	-46.7
2337.5	4400.0	-54.3	-50.1
2325.0	4400.0	-54.4	-51.2
2312.5	4400.0	-51.2	-50.6
2300.0	4400.0	-48.8	-47.3
2287.5	4400.0	-44.1	-44.3
2275.0	4400.0	-38.0	-46.7
2262.5	4400.0	-39.2	-52.4
2250.0	4400.0	-63.6	-59.2
2237.5	4400.0	-76.9	-53.4
2225.0	4400.0	-78.2	-25.1
2212.5	4400.0	-9.0	-6.4
2200.0	4400.0	102.4	.5
2187.5	4400.0	29.8	8.0
2175.0	4400.0	-42.4	-.2
2162.5	4400.0	-40.7	-32.7
2150.0	4400.0	-49.9	-53.3
2137.5	4400.0	-60.4	-62.3
2125.0	4400.0	-73.0	-73.0
2112.5	4400.0	-87.5	-85.6
2100.0	4400.0	-94.0	-101.7
2087.5	4400.0	-113.0	-59.7
2075.0	4400.0	-140.9	-15.7
2062.5	4400.0	137.0	58.3
2050.0	4400.0	132.3	186.7
2037.5	4400.0	276.2	274.1
2025.0	4400.0	528.7	273.4
2012.5	4400.0	296.1	260.0
2000.0	4400.0	133.5	213.8
1987.5	4400.0	65.5	114.7
1975.0	4400.0	45.1	60.0
1962.5	4400.0	33.3	36.5
1950.0	4400.0	22.8	22.8

1937.5	4400.0	15.7	10.9
1925.0	4400.0	-3.0	11.2
1912.5	4400.0	-14.5	21.7
1900.0	4400.0	35.1	25.0
1887.5	4400.0	75.1	31.3
1875.0	4400.0	32.2	41.5
1862.5	4400.0	28.8	40.8
1850.0	4400.0	36.2	33.0
1837.5	4400.0	31.9	33.0
1825.0	4400.0	36.0	30.9
1812.5	4400.0	31.9	26.4
1800.0	4400.0	18.4	23.4
1787.5	4400.0	13.8	18.9
1775.0	4400.0	16.7	14.1
1762.5	4400.0	13.7	11.3
1750.0	4400.0	7.8	8.9
1737.5	4400.0	4.3	5.1
1725.0	4400.0	1.9	1.1
1712.5	4400.0	-2.4	-2.5
1700.0	4400.0	-6.3	-6.0
1687.5	4400.0	-10.1	-9.3
1675.0	4400.0	-13.0	-12.3
1662.5	4400.0	-14.8	-14.3
1650.0	4400.0	-17.1	-16.4
1637.5	4400.0	-16.6	-18.3
1625.0	4400.0	-20.4	-19.9
1612.5	4400.0	-22.4	-20.6
1600.0	4400.0	-23.0	-21.9

1.21 Line 4400N, East of Baseline 2400E

2400.0	4401.0	-43.3	-30.8
2412.5	4401.0	-24.0	-30.2
2425.0	4401.0	-25.1	-27.3
2437.5	4401.0	-28.4	-17.4
2450.0	4401.0	-15.6	-12.6
2462.5	4401.0	6.2	-10.7
2475.0	4401.0	-.1	-13.3
2487.5	4401.0	-15.7	-16.7
2500.0	4401.0	-41.4	-23.7
2512.5	4401.0	-32.4	-31.9
2525.0	4401.0	-29.1	-34.9
2537.5	4401.0	-40.7	-33.2
2550.0	4401.0	-30.8	-32.2
2562.5	4401.0	-33.0	-33.7
2575.0	4401.0	-27.6	-32.2
2587.5	4401.0	-36.5	-31.7
2600.0	4401.0	-32.9	-31.0
2612.5	4401.0	-28.6	-31.3
2625.0	4401.0	-29.5	-28.7
2637.5	4401.0	-29.0	-25.5
2650.0	4401.0	-23.3	-20.4

2662.5	4401.0	-17.1	-14.0
2675.0	4401.0	-2.9	-6.1
2687.5	4401.0	2.5	1.8
2700.0	4401.0	10.3	6.3
2712.5	4401.0	16.2	11.3
2725.0	4401.0	5.3	9.2
2737.5	4401.0	22.4	6.1
2750.0	4401.0	-8.3	1.0
2762.5	4401.0	-4.9	-3.4
2775.0	4401.0	-9.5	-8.5
2787.5	4401.0	-16.8	-11.1
2800.0	4401.0	-3.1	-13.0
2812.5	4401.0	-21.3	-10.8
2825.0	4401.0	-14.1	-8.2
2837.5	4401.0	1.3	-12.8
2850.0	4401.0	-3.8	-17.6
2862.5	4401.0	-26.3	-20.8
2875.0	4401.0	-45.3	-25.2
2887.5	4401.0	-30.0	-24.6
2900.0	4401.0	-20.6	-18.9
2912.5	4401.0	-.7	-10.0
2925.0	4401.0	2.3	-5.5
2937.5	4401.0	-.9	-.3
2950.0	4401.0	-7.6	1.0
2962.5	4401.0	5.2	-1.0
2975.0	4401.0	6.2	-1.9
2987.5	4401.0	-8.1	1.2
3000.0	4401.0	-5.4	-2.1
3012.5	4401.0	8.2	-8.6
3025.0	4401.0	-11.2	-12.5
3037.5	4401.0	-26.3	-12.8
3050.0	4401.0	-27.6	-14.4
3062.5	4401.0	-7.2	-15.6
3075.0	4401.0	.3	-12.1
3087.5	4401.0	-17.3	-10.4
3100.0	4401.0	-8.5	-10.4
3112.5	4401.0	-19.3	-11.8
3125.0	4401.0	-7.0	-8.0
3137.5	4401.0	-7.1	-5.1
3150.0	4401.0	2.0	-.3
3162.5	4401.0	6.0	2.0
3175.0	4401.0	4.6	4.6
3187.5	4401.0	4.5	3.7
3200.0	4401.0	6.0	-1.3
3212.5	4401.0	-2.6	-3.5
3225.0	4401.0	-18.9	-6.5
3237.5	4401.0	-6.7	-9.3
3250.0	4401.0	-10.5	-11.4
3262.5	4401.0	-7.7	-11.7
3275.0	4401.0	-13.3	-13.5
3287.5	4401.0	-20.1	-9.5
3300.0	4401.0	-15.8	-8.9
3312.5	4401.0	9.4	-8.8

3325.0	4401.0	-4.5	-7.9
3337.5	4401.0	-13.1	-3.6
3350.0	4401.0	-15.4	-4.2
3362.5	4401.0	5.5	-2.9
3375.0	4401.0	6.5	1.0
3387.5	4401.0	2.2	4.9
3400.0	4401.0	6.3	2.9
3412.5	4401.0	4.1	2.6
3425.0	4401.0	-4.6	4.1
3437.5	4401.0	4.8	4.0
3450.0	4401.0	10.0	1.7
3462.5	4401.0	5.6	3.1
3475.0	4401.0	-7.5	4.5
3487.5	4401.0	2.4	3.1
3500.0	4401.0	11.9	2.3

1.22 Line 4450N

2900.0	4451.0	-25.8	-26.0
2887.5	4451.0	-28.5	-17.3
2875.0	4451.0	-23.7	-13.1
2862.5	4451.0	8.9	-8.0
2850.0	4451.0	3.7	-2.5
2837.5	4451.0	-.3	3.0
2825.0	4451.0	-1.3	-2.7
2812.5	4451.0	4.1	-6.2
2800.0	4451.0	-19.6	-9.9
2787.5	4451.0	-13.9	-14.0
2775.0	4451.0	-18.7	-15.6
2762.5	4451.0	-22.0	-11.4
2750.0	4451.0	-3.8	-6.2
2737.5	4451.0	1.5	4.0
2725.0	4451.0	12.0	11.4
2712.5	4451.0	32.4	15.2
2700.0	4451.0	14.7	16.9
2687.5	4451.0	15.4	16.8
2675.0	4451.0	9.9	10.2
2662.5	4451.0	11.8	2.1
2650.0	4451.0	-.6	-6.6
2637.5	4451.0	-26.0	-13.9
2625.0	4451.0	-28.2	-22.5
2612.5	4451.0	-26.7	-29.9
2600.0	4451.0	-31.0	-31.9
2587.5	4451.0	-37.8	-35.3
2575.0	4451.0	-35.6	-36.3
2562.5	4451.0	-45.4	-36.3
2550.0	4451.0	-31.6	-33.3
2537.5	4451.0	-31.2	-30.9
2525.0	4451.0	-22.7	-27.1
2512.5	4451.0	-23.8	-26.9
2500.0	4451.0	-26.0	-28.4

2487.5	4451.0	-31.0	-31.9
2475.0	4451.0	-38.7	-34.4
2462.5	4451.0	-40.0	-36.5
2450.0	4451.0	-36.4	-36.6
2437.5	4451.0	-36.6	-34.2
2425.0	4451.0	-31.1	-31.8
2412.5	4451.0	-27.0	-30.7
2400.0	4451.0	-28.1	-28.7

1.23 Line 4500N

3500.0	4501.0	10.7	12.7
3487.5	4501.0	13.5	13.1
3475.0	4501.0	13.8	14.0
3462.5	4501.0	14.3	14.4
3450.0	4501.0	17.7	13.5
3437.5	4501.0	12.8	11.6
3425.0	4501.0	8.8	9.7
3412.5	4501.0	4.2	6.7
3400.0	4501.0	4.9	4.2
3387.5	4501.0	2.6	.9
3375.0	4501.0	.6	-2.3
3362.5	4501.0	-7.6	-3.6
3350.0	4501.0	-11.8	-4.3
3337.5	4501.0	-1.6	-4.0
3325.0	4501.0	-1.3	-3.4
3312.5	4501.0	2.2	-2.1
3300.0	4501.0	-4.5	-2.8
3287.5	4501.0	-5.1	-4.8
3275.0	4501.0	-5.5	-4.7
3262.5	4501.0	-10.9	-4.5
3250.0	4501.0	2.3	-6.3
3237.5	4501.0	-3.2	-6.4
3225.0	4501.0	-14.4	-6.4
3212.5	4501.0	-5.9	-10.3
3200.0	4501.0	-10.6	-12.4
3187.5	4501.0	-17.5	-9.9
3175.0	4501.0	-13.7	-11.2
3162.5	4501.0	-1.9	-13.5
3150.0	4501.0	-12.5	-12.7
3137.5	4501.0	-21.7	-12.8
3125.0	4501.0	-13.7	-15.6
3112.5	4501.0	-14.2	-15.2
3100.0	4501.0	-15.8	-12.4
3087.5	4501.0	-10.5	-10.2
3075.0	4501.0	-7.9	-9.9
3062.5	4501.0	-2.5	-10.0
3050.0	4501.0	-12.6	-14.3
3037.5	4501.0	-16.6	-15.5
3025.0	4501.0	-31.7	-16.9
3012.5	4501.0	-14.3	-12.9

3000.0	4501.0	-9.4	-10.9
2987.5	4501.0	7.7	-12.2
2975.0	4501.0	-6.6	-13.4
2962.5	4501.0	-38.3	-13.5
2950.0	4501.0	-20.3	-14.5
2937.5	4501.0	-10.0	-12.1
2925.0	4501.0	2.8	-7.2
2912.5	4501.0	5.2	-2.2
2900.0	4501.0	-13.9	-2.2
2887.5	4501.0	4.9	-2.9
2875.0	4501.0	-10.1	-4.9
2862.5	4501.0	-.5	-4.8
2850.0	4501.0	-4.9	-11.1
2837.5	4501.0	-13.5	-10.5
2825.0	4501.0	-26.5	-10.5
2812.5	4501.0	-7.0	-13.9
2800.0	4501.0	-.4	-16.2
2787.5	4501.0	-22.1	-11.1
2775.0	4501.0	-25.2	-9.4
2762.5	4501.0	-.7	-10.8
2750.0	4501.0	1.3	-9.5
2737.5	4501.0	-7.5	-8.1
2725.0	4501.0	-15.3	-9.2
2712.5	4501.0	-18.3	-9.8
2700.0	4501.0	-6.3	-9.0
2687.5	4501.0	-1.8	-5.6
2675.0	4501.0	-3.3	-3.9
2662.5	4501.0	1.6	-1.8
2650.0	4501.0	-9.6	-4.6
2637.5	4501.0	4.3	-9.1
2625.0	4501.0	-15.9	-11.9
2612.5	4501.0	-25.9	-12.0
2600.0	4501.0	-12.2	-14.7
2587.5	4501.0	-10.5	-14.9
2575.0	4501.0	-9.1	-14.1
2562.5	4501.0	-16.9	-17.2
2550.0	4501.0	-21.9	-20.0
2537.5	4501.0	-27.5	-24.9
2525.0	4501.0	-24.7	-27.2
2512.5	4501.0	-33.7	-29.5
2500.0	4501.0	-28.4	-30.6
2487.5	4501.0	-33.0	-31.3
2475.0	4501.0	-33.1	-29.6
2462.5	4501.0	-28.1	-32.0
2450.0	4501.0	-25.6	-33.1
2437.5	4501.0	-40.0	-35.1
2425.0	4501.0	-38.5	-32.1
2412.5	4501.0	-43.5	-33.8
2400.0	4501.0	-13.0	-31.7
2387.5	4500.0	-37.0	-41.0
2375.0	4500.0	-52.2	-41.0
2362.5	4500.0	-43.8	-43.6
2350.0	4500.0	-40.8	-42.9

2337.5	4500.0	-44.1	-40.7
2325.0	4500.0	-33.4	-43.4
2312.5	4500.0	-41.2	-44.3
2300.0	4500.0	-57.5	-43.3
2287.5	4500.0	-45.4	-43.9
2275.0	4500.0	-38.9	-42.9
2262.5	4500.0	-36.5	-37.5
2250.0	4500.0	-36.2	-35.9
2237.5	4500.0	-30.6	-36.1
2225.0	4500.0	-37.4	-36.7
2212.5	4500.0	-39.7	-37.0
2200.0	4500.0	-39.5	-36.8
2187.5	4500.0	-37.8	-37.8
2175.0	4500.0	-29.8	-37.0
2162.5	4500.0	-42.3	-37.0
2150.0	4500.0	-35.5	-37.8
2137.5	4500.0	-39.8	-40.0
2125.0	4500.0	-41.4	-38.0
2112.5	4500.0	-40.8	-34.9
2100.0	4500.0	-32.6	-28.7
2087.5	4500.0	-19.8	-20.3
2075.0	4500.0	-8.8	-11.8
2062.5	4500.0	.5	-4.6
2050.0	4500.0	1.5	.6
2037.5	4500.0	3.6	4.3
2025.0	4500.0	6.4	7.0
2012.5	4500.0	9.6	9.8
2000.0	4500.0	14.0	13.2
1987.5	4500.0	15.3	15.3
1975.0	4500.0	20.7	16.8
1962.5	4500.0	16.7	17.4
1950.0	4500.0	17.1	17.2
1937.5	4500.0	17.2	15.0
1925.0	4500.0	14.3	13.2
1912.5	4500.0	9.8	11.2
1900.0	4500.0	7.7	8.4
1887.5	4500.0	7.2	6.7
1875.0	4500.0	3.1	5.4
1862.5	4500.0	5.5	5.6
1850.0	4500.0	3.7	7.2
1837.5	4500.0	8.5	11.0
1825.0	4500.0	15.2	15.2
1812.5	4500.0	21.9	19.7
1800.0	4500.0	26.7	23.7
1787.5	4500.0	26.2	28.1
1775.0	4500.0	28.5	30.2
1762.5	4500.0	37.0	30.7
1750.0	4500.0	32.8	29.5
1737.5	4500.0	29.2	26.6
1725.0	4500.0	19.9	20.8
1712.5	4500.0	14.2	15.0
1700.0	4500.0	7.9	8.9
1687.5	4500.0	3.9	3.6

1675.0	4500.0	-1.2	-2.1
1662.5	4500.0	-6.6	-6.6
1650.0	4500.0	-14.6	-11.3
1637.5	4500.0	-14.5	-15.6
1625.0	4500.0	-19.5	-18.2
1612.5	4500.0	-22.8	-19.1
1600.0	4500.0	-19.6	-20.6

1.24 Line 4600N

1600.0	4600.0	-4.3	-2.6
1612.5	4600.0	-2.4	-.7
1625.0	4600.0	-1.1	1.8
1637.5	4600.0	4.9	5.1
1650.0	4600.0	11.7	9.0
1662.5	4600.0	12.5	12.5
1675.0	4600.0	17.0	14.2
1687.5	4600.0	16.2	15.0
1700.0	4600.0	13.4	15.8
1712.5	4600.0	15.8	15.9
1725.0	4600.0	16.7	15.2
1737.5	4600.0	17.6	12.7
1750.0	4600.0	12.6	8.6
1762.5	4600.0	.8	3.4
1775.0	4600.0	-4.9	-3.4
1787.5	4600.0	-9.0	-11.6
1800.0	4600.0	-16.4	-16.3
1812.5	4600.0	-28.3	-16.5
1825.0	4600.0	-22.9	-13.6
1837.5	4600.0	-5.7	-9.1
1850.0	4600.0	5.5	1.0
1862.5	4600.0	6.1	9.7
1875.0	4600.0	22.1	14.3
1887.5	4600.0	20.6	17.0
1900.0	4600.0	17.2	19.3
1912.5	4600.0	18.8	21.0
1925.0	4600.0	17.9	23.5
1937.5	4600.0	30.4	26.5
1950.0	4600.0	33.3	28.7
1962.5	4600.0	31.9	31.8
1975.0	4600.0	29.8	30.0
1987.5	4600.0	33.4	27.7
2000.0	4600.0	21.8	24.4
2012.5	4600.0	21.5	19.2
2025.0	4600.0	15.6	10.3
2037.5	4600.0	3.5	2.2
2050.0	4600.0	-11.0	-6.9
2062.5	4600.0	-18.7	-14.8
2075.0	4600.0	-23.7	-22.5
2087.5	4600.0	-24.3	-29.3
2100.0	4600.0	-34.8	-34.4
2112.5	4600.0	-44.9	-35.7

2125.0	4600.0	-44.3	-35.5
2137.5	4600.0	-30.2	-31.7
2150.0	4600.0	-23.1	-24.2
2162.5	4600.0	-16.1	-17.0
2175.0	4600.0	-7.3	-12.9
2187.5	4600.0	-8.2	-9.1
2200.0	4600.0	-9.7	-7.1
2212.5	4600.0	-4.2	-6.5
2225.0	4600.0	-6.2	-8.1
2237.5	4600.0	-4.2	-12.6
2250.0	4600.0	-16.3	-20.1
2262.5	4600.0	-32.1	-24.5
2275.0	4600.0	-41.9	-29.3
2287.5	4600.0	-27.9	-32.9
2300.0	4600.0	-28.2	-32.8
2312.5	4600.0	-34.5	-30.2
2325.0	4600.0	-31.3	-29.3
2337.5	4600.0	-29.0	-25.7
2350.0	4600.0	-23.6	-17.2
2362.5	4600.0	-10.0	-7.2
2375.0	4600.0	8.1	1.8
2387.5	4600.0	18.7	8.1
2400.0	4600.0	15.6	14.1
2412.5	4601.0	-8.2	-15.0
2425.0	4601.0	-28.5	-17.7
2437.5	4601.0	-38.9	-30.5
2450.0	4601.0	-28.6	-34.7
2462.5	4601.0	-48.2	-35.8
2475.0	4601.0	-29.2	-35.4
2487.5	4601.0	-34.0	-36.7
2500.0	4601.0	-37.2	-32.5
2512.5	4601.0	-34.8	-31.2
2525.0	4601.0	-27.4	-29.1
2537.5	4601.0	-22.5	-25.8
2550.0	4601.0	-23.7	-22.8
2562.5	4601.0	-20.7	-22.1
2575.0	4601.0	-19.7	-24.1
2587.5	4601.0	-23.7	-23.3
2600.0	4601.0	-32.5	-22.2
2612.5	4601.0	-20.0	-21.2
2625.0	4601.0	-15.2	-20.0
2637.5	4601.0	-14.8	-16.9
2650.0	4601.0	-17.4	-17.0
2662.5	4601.0	-17.1	-16.9
2675.0	4601.0	-20.3	-19.3
2687.5	4601.0	-15.0	-18.0
2700.0	4601.0	-26.7	-17.2
2712.5	4601.0	-10.8	-14.9
2725.0	4601.0	-13.0	-11.0
2737.5	4601.0	-8.9	-8.9
2750.0	4601.0	4.6	-10.4
2762.5	4601.0	-16.3	-8.9
2775.0	4601.0	-18.4	-7.6

2787.5	4601.0	-5.7	-6.1
2800.0	4601.0	-2.3	-1.5
2812.5	4601.0	12.0	1.5
2825.0	4601.0	6.7	1.3
2837.5	4601.0	-3.4	.7
2850.0	4601.0	-6.5	.0
2862.5	4601.0	-5.4	-4.8
2875.0	4601.0	8.8	-3.1
2887.5	4601.0	-17.7	-2.5
2900.0	4601.0	5.4	-.4
2912.5	4601.0	-3.8	-1.6
2925.0	4601.0	5.2	1.8
2937.5	4601.0	2.9	.3
2950.0	4601.0	-.5	-.3
2962.5	4601.0	-2.4	-3.0
2975.0	4601.0	-6.8	-6.3
2987.5	4601.0	-8.2	-6.4
3000.0	4601.0	-13.8	-4.8
3012.5	4601.0	-.9	-4.5
3025.0	4601.0	5.7	-6.3
3037.5	4601.0	-5.5	-6.2
3050.0	4601.0	-17.2	-7.2
3062.5	4601.0	-12.9	-10.2
3075.0	4601.0	-6.3	-9.4
3087.5	4601.0	-9.0	-6.7
3100.0	4601.0	-1.4	-6.1
3112.5	4601.0	-3.9	-7.2
3125.0	4601.0	-9.8	-8.3
3137.5	4601.0	-12.0	-10.4
3150.0	4601.0	-14.4	-10.9
3162.5	4601.0	-11.9	-10.7
3175.0	4601.0	-6.3	-9.0
3187.5	4601.0	-9.0	-8.0
3200.0	4601.0	-3.2	-7.6
3212.5	4601.0	-9.7	-7.4
3225.0	4601.0	-9.6	-6.8
3237.5	4601.0	-5.6	-5.8
3250.0	4601.0	-6.1	-3.0
3262.5	4601.0	2.2	-.9
3275.0	4601.0	4.1	2.1
3287.5	4601.0	1.0	4.5
3300.0	4601.0	9.2	4.3
3312.5	4601.0	6.2	4.5
3325.0	4601.0	1.1	5.2
3337.5	4601.0	4.9	5.6
3350.0	4601.0	4.6	6.2
3362.5	4601.0	11.3	7.7
3375.0	4601.0	9.0	9.7
3387.5	4601.0	8.8	15.3
3400.0	4601.0	14.7	24.4
3412.5	4601.0	32.6	27.9
3425.0	4601.0	57.0	29.2
3437.5	4601.0	26.4	28.3

3450.0	4601.0	15.5	23.9
3462.5	4601.0	9.9	14.8
3475.0	4601.0	10.7	12.9
3487.5	4601.0	11.3	12.2
3500.0	4601.0	17.0	13.0

1.25 Line 4700N

2400.0	4700.0	-41.3	-37.4
2387.5	4700.0	-38.0	-35.3
2375.0	4700.0	-33.0	-33.4
2362.5	4700.0	-28.9	-30.1
2350.0	4700.0	-26.0	-28.9
2337.5	4700.0	-24.5	-30.0
2325.0	4700.0	-31.9	-31.2
2312.5	4700.0	-38.7	-33.9
2300.0	4700.0	-34.7	-37.1
2287.5	4700.0	-39.8	-37.9
2275.0	4700.0	-40.5	-35.1
2262.5	4700.0	-35.6	-34.8
2250.0	4700.0	-24.9	-33.6
2237.5	4700.0	-33.4	-33.6
2225.0	4700.0	-33.4	-31.7
2212.5	4700.0	-40.7	-26.8
2200.0	4700.0	-26.0	-18.1
2187.5	4700.0	-.4	-10.4
2175.0	4700.0	10.1	-.1
2162.5	4700.0	4.9	4.7
2150.0	4700.0	10.9	2.3
2137.5	4700.0	-1.9	-1.9
2125.0	4700.0	-12.6	-4.4
2112.5	4700.0	-10.6	-9.7
2100.0	4700.0	-7.7	-9.9
2087.5	4700.0	-15.5	-9.4
2075.0	4700.0	-3.0	-8.4
2062.5	4700.0	-10.0	-5.5
2050.0	4700.0	-5.9	-.8
2037.5	4700.0	6.8	5.0
2025.0	4700.0	8.2	12.7
2012.5	4700.0	25.9	20.2
2000.0	4700.0	28.7	24.7
1987.5	4700.0	31.4	30.8
1975.0	4700.0	29.2	33.2
1962.5	4700.0	38.8	35.6
1950.0	4700.0	37.9	38.1
1937.5	4700.0	40.5	40.6
1925.0	4700.0	44.0	40.7
1912.5	4700.0	41.6	39.0
1900.0	4700.0	39.3	36.3
1887.5	4700.0	29.4	33.4
1875.0	4700.0	27.0	28.7
1862.5	4700.0	29.7	22.0

1850.0	4700.0	18.3	16.2
1837.5	4700.0	5.7	9.3
1825.0	4700.0	.1	.9
1812.5	4700.0	-7.2	-7.2
1800.0	4700.0	-12.3	-12.4
1787.5	4700.0	-22.3	-16.1
1775.0	4700.0	-20.1	-15.8
1762.5	4700.0	-18.4	-12.0
1750.0	4700.0	-6.0	-.5
1737.5	4700.0	7.0	13.8
1725.0	4700.0	34.8	25.0
1712.5	4700.0	51.8	34.0
1700.0	4700.0	37.6	38.2
1687.5	4700.0	38.6	37.0
1675.0	4700.0	28.2	32.3
1662.5	4700.0	28.9	29.4
1650.0	4700.0	28.3	22.9
1637.5	4700.0	22.9	16.0
1625.0	4700.0	6.4	8.2
1612.5	4700.0	-6.7	3.2
1600.0	4700.0	-9.7	-3.3

1.26 Line 4800N

1600.0	4800.0	16.9	13.0
1612.5	4800.0	10.0	15.1
1625.0	4800.0	12.1	16.7
1637.5	4800.0	21.6	15.8
1650.0	4800.0	22.8	17.8
1662.5	4800.0	12.6	18.2
1675.0	4800.0	20.0	15.5
1687.5	4800.0	13.8	16.3
1700.0	4800.0	8.3	17.4
1712.5	4800.0	27.0	14.6
1725.0	4800.0	17.7	10.8
1737.5	4800.0	6.2	8.4
1750.0	4800.0	-5.3	4.7
1762.5	4800.0	-3.7	1.5
1775.0	4800.0	8.6	2.3
1787.5	4800.0	1.5	8.3
1800.0	4800.0	10.2	14.0
1812.5	4800.0	25.1	18.1
1825.0	4800.0	24.5	23.7
1837.5	4800.0	29.2	28.4
1850.0	4800.0	29.7	26.5
1862.5	4800.0	33.5	26.9
1875.0	4800.0	15.4	28.3
1887.5	4800.0	26.8	29.5
1900.0	4800.0	36.1	30.1
1912.5	4800.0	35.6	31.0
1925.0	4800.0	36.8	26.9
1937.5	4800.0	19.6	20.4

1950.0	4800.0	6.6	13.9
1962.5	4800.0	3.4	6.0
1975.0	4800.0	3.0	1.6
1987.5	4800.0	-2.8	-3.3
2000.0	4800.0	-2.1	-8.5
2012.5	4800.0	-18.0	-12.2
2025.0	4800.0	-22.5	-12.7
2037.5	4800.0	-15.4	-10.7
2050.0	4800.0	-5.7	-4.1
2062.5	4800.0	8.3	7.5
2075.0	4800.0	15.0	23.5
2087.5	4800.0	35.1	43.3
2100.0	4800.0	65.0	55.1
2112.5	4800.0	93.0	57.4
2125.0	4800.0	67.2	47.1
2137.5	4800.0	26.9	29.3
2150.0	4800.0	-16.5	3.3
2162.5	4800.0	-24.1	-15.9
2175.0	4800.0	-36.9	-26.4
2187.5	4800.0	-28.9	-28.9
2200.0	4800.0	-25.7	-27.8
2212.5	4800.0	-29.1	-22.6
2225.0	4800.0	-18.4	-16.6
2237.5	4800.0	-10.8	-11.9
2250.0	4800.0	.9	-1.8
2262.5	4800.0	-2.0	7.5
2275.0	4800.0	21.1	13.0
2287.5	4800.0	28.3	13.9
2300.0	4800.0	16.5	13.1
2312.5	4800.0	5.6	-.4
2325.0	4800.0	-5.8	-11.7
2337.5	4800.0	-46.5	-21.5
2350.0	4800.0	-28.3	-31.1
2362.5	4800.0	-32.3	-37.4
2375.0	4800.0	-42.4	-32.5
2387.5	4800.0	-37.4	-33.6
2400.0	4800.0	-22.2	-34.0

1.27 Line 4900N

2400.0	4900.0	-12.3	-21.0
2387.5	4900.0	-17.4	-22.8
2375.0	4900.0	-33.3	-24.1
2362.5	4900.0	-28.1	-25.3
2350.0	4900.0	-29.5	-25.1
2337.5	4900.0	-18.3	-20.7
2325.0	4900.0	-16.2	-17.8
2312.5	4900.0	-11.3	-15.2
2300.0	4900.0	-13.5	-14.4
2287.5	4900.0	-16.7	-14.2
2275.0	4900.0	-14.4	-15.2
2262.5	4900.0	-14.9	-14.3

2250.0	4900.0	-16.4	-12.3
2237.5	4900.0	-9.1	-11.4
2225.0	4900.0	-6.6	-11.0
2212.5	4900.0	-9.8	-10.9
2200.0	4900.0	-13.2	-12.1
2187.5	4900.0	-16.0	-16.2
2175.0	4900.0	-14.7	-17.3
2162.5	4900.0	-27.1	-16.4
2150.0	4900.0	-15.7	-15.0
2137.5	4900.0	-8.4	-13.3
2125.0	4900.0	-9.2	-7.9
2112.5	4900.0	-6.1	-3.2
2100.0	4900.0	-.3	-1.5
2087.5	4900.0	8.1	.6
2075.0	4900.0	.0	2.1
2062.5	4900.0	1.1	2.3
2050.0	4900.0	1.8	1.7
2037.5	4900.0	.6	-1.1
2025.0	4900.0	5.0	-3.8
2012.5	4900.0	-13.8	-6.1
2000.0	4900.0	-12.4	-5.9
1987.5	4900.0	-9.9	-4.6
1975.0	4900.0	1.7	.1
1962.5	4900.0	11.3	5.3
1950.0	4900.0	9.8	11.5
1937.5	4900.0	13.5	17.6
1925.0	4900.0	21.0	21.9
1912.5	4900.0	32.5	25.8
1900.0	4900.0	32.5	28.2
1887.5	4900.0	29.3	28.8
1875.0	4900.0	25.7	28.6
1862.5	4900.0	24.0	25.7
1850.0	4900.0	31.6	25.3
1837.5	4900.0	17.7	25.8
1825.0	4900.0	27.4	25.8
1812.5	4900.0	28.4	23.9
1800.0	4900.0	23.9	26.0
1787.5	4900.0	22.3	21.5
1775.0	4900.0	28.1	15.9
1762.5	4900.0	5.0	12.2
1750.0	4900.0	.2	8.0
1737.5	4900.0	5.5	.9
1725.0	4900.0	1.2	-2.4
1712.5	4900.0	-7.6	-1.4
1700.0	4900.0	-11.3	-.5
1687.5	4900.0	5.2	2.8
1675.0	4900.0	10.2	7.4
1662.5	4900.0	17.7	9.0
1650.0	4900.0	15.3	10.2
1637.5	4900.0	-3.4	12.3
1625.0	4900.0	11.0	12.5
1612.5	4900.0	20.9	11.9
1600.0	4900.0	18.9	16.9

1.28 Line 5000N

1600.0	5000.0	7.8	9.9
1612.5	5000.0	7.8	9.5
1625.0	5000.0	14.1	10.0
1637.5	5000.0	8.4	11.3
1650.0	5000.0	11.7	13.5
1662.5	5000.0	14.6	15.1
1675.0	5000.0	18.9	16.8
1687.5	5000.0	21.8	16.6
1700.0	5000.0	17.1	18.1
1712.5	5000.0	10.5	18.4
1725.0	5000.0	22.3	22.1
1737.5	5000.0	20.1	26.2
1750.0	5000.0	40.5	31.0
1762.5	5000.0	37.4	34.6
1775.0	5000.0	34.8	37.6
1787.5	5000.0	40.3	31.6
1800.0	5000.0	34.8	24.7
1812.5	5000.0	10.9	18.6
1825.0	5000.0	2.7	14.2
1837.5	5000.0	4.3	9.0
1850.0	5000.0	18.1	5.3
1862.5	5000.0	8.8	2.4
1875.0	5000.0	-7.3	.3
1887.5	5000.0	-12.1	-6.1
1900.0	5000.0	-6.0	-9.4
1912.5	5000.0	-13.7	-5.4
1925.0	5000.0	-8.1	-.2
1937.5	5000.0	12.9	2.4
1950.0	5000.0	13.7	13.9
1962.5	5000.0	7.2	30.9
1975.0	5000.0	43.9	44.7
1987.5	5000.0	77.0	58.5
2000.0	5000.0	81.9	71.5
2012.5	5000.0	82.4	70.6
2025.0	5000.0	72.4	60.6
2037.5	5000.0	39.5	46.8
2050.0	5000.0	26.6	32.2
2062.5	5000.0	13.1	16.9
2075.0	5000.0	9.3	5.5
2087.5	5000.0	-4.0	-3.4
2100.0	5000.0	-17.3	-7.1
2112.5	5000.0	-18.0	-8.4
2125.0	5000.0	-5.7	-5.7
2137.5	5000.0	3.0	1.0
2150.0	5000.0	9.7	9.8
2162.5	5000.0	16.2	14.7
2175.0	5000.0	25.8	18.6
2187.5	5000.0	18.7	22.6
2200.0	5000.0	22.8	25.2
2212.5	5000.0	29.3	24.8
2225.0	5000.0	29.3	23.7

2237.5	5000.0	23.8	18.7
2250.0	5000.0	13.2	10.6
2262.5	5000.0	-2.0	2.8
2275.0	5000.0	-11.3	-3.6
2287.5	5000.0	-9.5	-9.7
2300.0	5000.0	-8.2	-12.1
2312.5	5000.0	-17.7	-12.6
2325.0	5000.0	-13.9	-14.3
2337.5	5000.0	-13.9	-16.9
2350.0	5000.0	-17.7	-17.8
2362.5	5000.0	-21.4	-19.5
2375.0	5000.0	-22.0	-23.7
2387.5	5000.0	-22.4	-25.2
2400.0	5000.0	-35.0	-26.5

1.29 Line 5100N

2400.0	5100.0	-30.5	-33.5
2387.5	5100.0	-33.8	-33.6
2375.0	5100.0	-36.3	-31.8
2362.5	5100.0	-33.9	-2.3
2350.0	5100.0	-24.3	60.0
2337.5	5100.0	117.0	82.6
2325.0	5100.0	277.5	96.0
2312.5	5100.0	76.9	101.2
2300.0	5100.0	33.1	79.7
2287.5	5100.0	1.3	25.8
2275.0	5100.0	9.9	9.6
2262.5	5100.0	7.9	-.6
2250.0	5100.0	-4.0	-5.3
2237.5	5100.0	-18.0	-10.9
2225.0	5100.0	-22.3	-13.6
2212.5	5100.0	-17.9	-4.2
2200.0	5100.0	-5.7	15.8
2187.5	5100.0	43.0	29.1
2175.0	5100.0	82.0	37.0
2162.5	5100.0	44.3	41.2
2150.0	5100.0	21.2	34.9
2137.5	5100.0	15.3	27.6
2125.0	5100.0	11.7	28.9
2112.5	5100.0	45.3	29.3
2100.0	5100.0	50.9	28.7
2087.5	5100.0	23.1	26.5
2075.0	5100.0	12.5	17.4
2062.5	5100.0	.5	10.0
2050.0	5100.0	.0	4.3
2037.5	5100.0	14.0	-.2
2025.0	5100.0	-5.6	-1.5
2012.5	5100.0	-9.8	-.6
2000.0	5100.0	-6.3	-3.2
1987.5	5100.0	4.9	-2.7

1975.0	5100.0	.9	-2.2
1962.5	5100.0	-3.4	-1.7
1950.0	5100.0	-6.9	-2.4
1937.5	5100.0	-4.0	-1.5
1925.0	5100.0	1.2	1.9
1912.5	5100.0	5.7	6.6
1900.0	5100.0	13.3	10.8
1887.5	5100.0	16.8	13.2
1875.0	5100.0	16.8	14.8
1862.5	5100.0	13.5	14.6
1850.0	5100.0	13.4	13.0
1837.5	5100.0	12.5	11.7
1825.0	5100.0	8.6	13.9
1812.5	5100.0	10.5	18.9
1800.0	5100.0	24.5	25.0
1787.5	5100.0	38.2	28.7
1775.0	5100.0	43.2	30.0
1762.5	5100.0	26.9	28.5
1750.0	5100.0	17.3	22.1
1737.5	5100.0	17.0	15.5
1725.0	5100.0	6.0	13.6
1712.5	5100.0	10.3	13.4
1700.0	5100.0	17.5	11.6
1687.5	5100.0	16.1	12.2
1675.0	5100.0	8.0	10.1
1662.5	5100.0	8.9	6.4
1650.0	5100.0	.0	2.9
1637.5	5100.0	-1.0	-.4
1625.0	5100.0	-1.2	-4.0
1612.5	5100.0	-8.8	-5.1
1600.0	5100.0	-9.2	-6.4

1.30 Line 5200N

1600.0	5200.0	-11.0	-22.0
1612.5	5200.0	-25.5	-22.6
1625.0	5200.0	-29.5	-20.6
1637.5	5200.0	-24.6	-19.9
1650.0	5200.0	-12.3	-14.7
1662.5	5200.0	-7.4	-7.3
1675.0	5200.0	.4	1.3
1687.5	5200.0	7.3	5.5
1700.0	5200.0	18.4	10.1
1712.5	5200.0	8.6	13.2
1725.0	5200.0	16.0	13.1
1737.5	5200.0	15.5	12.7
1750.0	5200.0	7.2	12.3
1762.5	5200.0	16.2	8.2
1775.0	5200.0	6.8	3.0
1787.5	5200.0	-4.7	-1.6
1800.0	5200.0	-10.7	-10.8

1812.5	5200.0	-15.4	-18.7
1825.0	5200.0	-30.0	-23.5
1837.5	5200.0	-32.5	-26.6
1850.0	5200.0	-28.9	-26.9
1862.5	5200.0	-26.1	-24.4
1875.0	5200.0	-16.9	-22.2
1887.5	5200.0	-17.7	-20.2
1900.0	5200.0	-21.2	-18.7
1912.5	5200.0	-19.3	-22.4
1925.0	5200.0	-18.5	-24.7
1937.5	5200.0	-35.5	-25.6
1950.0	5200.0	-28.9	-26.4
1962.5	5200.0	-26.0	-28.0
1975.0	5200.0	-23.1	-26.6
1987.5	5200.0	-26.7	-25.7
2000.0	5200.0	-28.2	-26.6
2012.5	5200.0	-24.7	-28.6
2025.0	5200.0	-30.2	-30.2
2037.5	5200.0	-33.2	-33.4
2050.0	5200.0	-34.6	-33.7
2062.5	5200.0	-44.1	-32.0
2075.0	5200.0	-26.4	-32.2
2087.5	5200.0	-21.9	-30.6
2100.0	5200.0	-34.2	-28.2
2112.5	5200.0	-26.2	-33.5
2125.0	5200.0	-32.4	-37.3
2137.5	5200.0	-52.6	-37.2
2150.0	5200.0	-41.3	-39.0
2162.5	5200.0	-33.5	-38.8
2175.0	5200.0	-35.0	-33.7
2187.5	5200.0	-31.6	-30.7
2200.0	5200.0	-26.9	-27.3
2212.5	5200.0	-26.4	-22.8
2225.0	5200.0	-16.8	-19.7
2237.5	5200.0	-12.2	31.6
2250.0	5200.0	-16.4	39.9
2262.5	5200.0	229.9	48.2
2275.0	5200.0	14.8	56.9
2287.5	5200.0	24.7	67.2
2300.0	5200.0	31.5	22.3
2312.5	5200.0	35.1	19.3
2325.0	5200.0	5.5	13.3
2337.5	5200.0	-.5	3.7
2350.0	5200.0	-5.3	-6.8
2362.5	5200.0	-16.5	-11.3
2375.0	5200.0	-17.4	-16.5
2387.5	5200.0	-17.0	-19.3
2400.0	5200.0	-26.4	-20.3

1.31 Line 5300N

2400.0	5300.0	-50.9	-36.4
2387.5	5300.0	-35.6	-31.7
2375.0	5300.0	-22.7	-28.5
2362.5	5300.0	-17.7	-20.5
2350.0	5300.0	-15.4	-14.6
2337.5	5300.0	-11.1	-10.8
2325.0	5300.0	-6.3	-7.8
2312.5	5300.0	-3.5	-3.9
2300.0	5300.0	-2.8	-.5
2287.5	5300.0	4.3	1.4
2275.0	5300.0	5.8	1.1
2262.5	5300.0	3.0	-2.4
2250.0	5300.0	-4.6	-3.4
2237.5	5300.0	-20.4	18.9
2225.0	5300.0	-.6	32.4
2212.5	5300.0	117.3	64.7
2200.0	5300.0	70.4	96.2
2187.5	5300.0	156.6	86.8
2175.0	5300.0	137.1	54.2
2162.5	5300.0	-47.6	31.3
2150.0	5300.0	-45.7	-8.3
2137.5	5300.0	-44.0	-44.0
2125.0	5300.0	-41.5	-42.7
2112.5	5300.0	-41.1	-43.1
2100.0	5300.0	-41.4	-39.7
2087.5	5300.0	-47.3	-37.0
2075.0	5300.0	-27.0	-32.8
2062.5	5300.0	-28.4	-26.4
2050.0	5300.0	-20.1	-26.3
2037.5	5300.0	-9.1	-25.9
2025.0	5300.0	-47.0	-26.5
2012.5	5300.0	-25.0	-28.2
2000.0	5300.0	-31.5	-32.2
1987.5	5300.0	-28.6	-28.7
1975.0	5300.0	-28.8	-28.2
1962.5	5300.0	-29.4	-26.5
1950.0	5300.0	-22.9	-24.7
1937.5	5300.0	-22.6	-22.9
1925.0	5300.0	-19.8	-20.1
1912.5	5300.0	-19.9	-19.3
1900.0	5300.0	-15.4	-16.0
1887.5	5300.0	-18.6	-11.7
1875.0	5300.0	-6.2	-7.6
1862.5	5300.0	1.4	-7.3
1850.0	5300.0	1.0	-5.8
1837.5	5300.0	-13.9	-7.0
1825.0	5300.0	-11.3	-11.1
1812.5	5300.0	-12.4	-14.1
1800.0	5300.0	-18.8	-14.6
1787.5	5300.0	-14.0	-16.7

1775.0	5300.0	-16.4	-18.2
1762.5	5300.0	-21.7	-16.1
1750.0	5300.0	-20.1	-17.1
1737.5	5300.0	-8.5	-17.1
1725.0	5300.0	-19.0	-17.1
1712.5	5300.0	-16.4	-16.0
1700.0	5300.0	-21.4	-16.5
1687.5	5300.0	-14.7	-15.4
1675.0	5300.0	-11.2	-13.6
1662.5	5300.0	-13.1	-15.5
1650.0	5300.0	-7.8	-19.1
1637.5	5300.0	-30.5	-20.3
1625.0	5300.0	-32.7	-21.0
1612.5	5300.0	-17.3	-24.3
1600.0	5300.0	-16.8	-22.3

1.32 Line 5400N

1600.0	5400.0	6.3	-6.6
1612.5	5400.0	-13.6	-6.8
1625.0	5400.0	-12.4	-8.1
1637.5	5400.0	-7.6	-11.5
1650.0	5400.0	-13.4	-11.2
1662.5	5400.0	-10.3	-11.2
1675.0	5400.0	-12.1	-11.7
1687.5	5400.0	-12.4	-10.7
1700.0	5400.0	-10.4	-10.4
1712.5	5400.0	-8.4	-8.7
1725.0	5400.0	-8.9	-7.4
1737.5	5400.0	-3.6	-6.2
1750.0	5400.0	-5.7	-5.5
1762.5	5400.0	-4.3	-5.0
1775.0	5400.0	-5.1	-5.1
1787.5	5400.0	-6.1	-5.9
1800.0	5400.0	-4.3	-9.0
1812.5	5400.0	-9.9	-14.8
1825.0	5400.0	-19.8	-25.5
1837.5	5400.0	-34.0	-42.3
1850.0	5400.0	-59.7	-65.5
1862.5	5400.0	-88.1	-89.2
1875.0	5400.0	-126.1	-93.6
1887.5	5400.0	-138.1	8.2
1900.0	5400.0	-55.9	8.8
1912.5	5400.0	449.2	23.0
1925.0	5400.0	-85.1	47.8
1937.5	5400.0	-55.3	55.9
1950.0	5400.0	-13.8	-33.4
1962.5	5400.0	-15.6	-10.4
1975.0	5400.0	2.8	15.2
1987.5	5400.0	30.1	24.8
2000.0	5400.0	72.5	25.3

2012.5	5400.0	34.4	18.0
2025.0	5400.0	-13.1	-1.3
2037.5	5400.0	-33.8	15.0
2050.0	5400.0	-66.7	20.5
2062.5	5400.0	154.0	32.5
2075.0	5400.0	62.2	52.0
2087.5	5400.0	46.8	79.1
2100.0	5400.0	63.8	64.2
2112.5	5400.0	68.9	68.1
2125.0	5400.0	79.2	74.3
2137.5	5400.0	81.8	75.2
2150.0	5400.0	77.6	72.7
2162.5	5400.0	68.4	65.2
2175.0	5400.0	56.6	53.7
2187.5	5400.0	41.4	42.1
2200.0	5400.0	24.7	31.1
2212.5	5400.0	19.5	22.2
2225.0	5400.0	13.4	15.5
2237.5	5400.0	12.0	11.6
2250.0	5400.0	7.7	8.3
2262.5	5400.0	5.5	10.9
2275.0	5400.0	3.1	12.8
2287.5	5400.0	26.2	16.0
2300.0	5400.0	21.5	17.9
2312.5	5400.0	23.7	19.5
2325.0	5400.0	15.0	16.1
2337.5	5400.0	11.2	12.9
2350.0	5400.0	8.9	10.2
2362.5	5400.0	5.8	9.0
2375.0	5400.0	10.0	9.2
2387.5	5400.0	9.1	9.3
2400.0	5400.0	12.4	10.5

1.33 Line 5500N

2400.0	5500.0	16.1	16.0
2387.5	5500.0	16.2	14.1
2375.0	5500.0	15.8	12.7
2362.5	5500.0	8.2	10.5
2350.0	5500.0	7.1	8.1
2337.5	5500.0	5.3	6.8
2325.0	5500.0	3.9	6.3
2312.5	5500.0	9.4	6.2
2300.0	5500.0	5.6	8.4
2287.5	5500.0	7.0	15.5
2275.0	5500.0	16.1	25.6
2262.5	5500.0	39.3	28.4
2250.0	5500.0	60.2	31.6
2237.5	5500.0	19.5	32.7
2225.0	5500.0	23.0	29.7
2212.5	5500.0	21.5	23.9

2200.0	5500.0	24.4	27.6
2187.5	5500.0	31.3	30.9
2175.0	5500.0	37.6	35.4
2162.5	5500.0	39.8	39.6
2150.0	5500.0	43.7	42.1
2137.5	5500.0	45.6	42.7
2125.0	5500.0	43.9	41.4
2112.5	5500.0	40.6	37.8
2100.0	5500.0	33.2	32.8
2087.5	5500.0	25.9	27.1
2075.0	5500.0	20.5	22.1
2062.5	5500.0	15.5	18.6
2050.0	5500.0	15.2	17.7
2037.5	5500.0	16.1	18.4
2025.0	5500.0	21.2	20.3
2012.5	5500.0	24.0	23.8
2000.0	5500.0	25.1	26.9
1987.5	5500.0	32.5	29.8
1975.0	5500.0	31.5	33.4
1962.5	5500.0	35.7	39.5
1950.0	5500.0	42.1	45.2
1937.5	5500.0	55.7	50.7
1925.0	5500.0	60.9	56.5
1912.5	5500.0	59.2	67.8
1900.0	5500.0	64.6	86.0
1887.5	5500.0	98.5	114.3
1875.0	5500.0	147.0	158.1
1862.5	5500.0	202.4	210.6
1850.0	5500.0	278.1	245.7
1837.5	5500.0	327.1	249.1
1825.0	5500.0	273.9	229.3
1812.5	5500.0	164.1	187.0
1800.0	5500.0	103.2	131.4
1787.5	5500.0	66.8	84.6
1775.0	5500.0	49.2	57.4
1762.5	5500.0	39.7	40.4
1750.0	5500.0	28.1	30.0
1737.5	5500.0	18.1	22.1
1725.0	5500.0	15.1	17.2
1712.5	5500.0	9.3	12.3
1700.0	5500.0	15.4	9.8
1687.5	5500.0	3.8	7.2
1675.0	5500.0	5.6	5.5
1662.5	5500.0	1.9	2.9
1650.0	5500.0	.9	1.6
1637.5	5500.0	2.1	.9
1625.0	5500.0	-2.3	.0
1612.5	5500.0	1.8	-.2
1600.0	5500.0	-2.3	-.9

1.34 Line 5600N

1600.0	5600.0	11.6	16.4
1612.5	5600.0	13.5	20.2
1625.0	5600.0	24.2	23.0
1637.5	5600.0	31.4	30.0
1650.0	5600.0	34.3	38.1
1662.5	5600.0	46.7	45.2
1675.0	5600.0	53.7	53.4
1687.5	5600.0	59.7	64.6
1700.0	5600.0	72.7	76.0
1712.5	5600.0	90.0	88.1
1725.0	5600.0	103.7	98.8
1737.5	5600.0	114.5	106.5
1750.0	5600.0	113.1	107.7
1762.5	5600.0	111.0	103.3
1775.0	5600.0	96.0	93.9
1787.5	5600.0	82.1	85.5
1800.0	5600.0	67.4	75.3
1812.5	5600.0	71.0	65.5
1825.0	5600.0	59.8	56.2
1837.5	5600.0	47.0	49.0
1850.0	5600.0	35.9	39.7
1862.5	5600.0	31.2	31.9
1875.0	5600.0	24.7	26.6
1887.5	5600.0	20.8	23.7
1900.0	5600.0	20.6	21.9
1912.5	5600.0	21.0	22.1
1925.0	5600.0	22.5	22.2
1937.5	5600.0	25.7	20.4
1950.0	5600.0	21.2	17.6
1962.5	5600.0	11.5	14.7
1975.0	5600.0	7.0	11.5
1987.5	5600.0	8.0	9.2
2000.0	5600.0	9.7	8.3
2012.5	5600.0	9.8	8.8
2025.0	5600.0	7.0	9.0
2037.5	5600.0	9.5	9.5
2050.0	5600.0	9.2	10.5
2062.5	5600.0	11.9	12.2
2075.0	5600.0	14.9	13.7
2087.5	5600.0	15.4	15.9
2100.0	5600.0	17.3	17.7
2112.5	5600.0	19.8	19.3
2125.0	5600.0	21.1	20.9
2137.5	5600.0	22.8	23.9
2150.0	5600.0	23.7	26.2
2162.5	5600.0	32.2	29.2
2175.0	5600.0	31.2	32.0
2187.5	5600.0	35.9	30.1
2200.0	5600.0	37.2	27.3
2212.5	5600.0	14.2	31.4
2225.0	5600.0	17.8	41.4

2237.5	5600.0	52.1	46.3
2250.0	5600.0	85.6	49.9
2262.5	5600.0	61.6	50.1
2275.0	5600.0	32.5	42.4
2287.5	5600.0	18.8	27.4
2300.0	5600.0	13.3	18.3
2312.5	5600.0	10.7	14.4
2325.0	5600.0	16.1	13.3
2337.5	5600.0	13.2	12.8
2350.0	5600.0	13.1	11.8
2362.5	5600.0	11.0	9.5
2375.0	5600.0	5.8	9.6
2387.5	5600.0	4.6	8.8
2400.0	5600.0	13.6	8.0

1.35 Line 5700N

2400.0	5700.0	38.2	35.1
2387.5	5700.0	32.5	32.9
2375.0	5700.0	34.6	33.1
2362.5	5700.0	26.4	33.5
2350.0	5700.0	33.7	34.1
2337.5	5700.0	40.4	31.6
2325.0	5700.0	35.5	29.0
2312.5	5700.0	22.2	24.6
2300.0	5700.0	13.3	19.2
2287.5	5700.0	11.8	13.3
2275.0	5700.0	13.4	9.9
2262.5	5700.0	5.7	8.4
2250.0	5700.0	5.2	10.4
2237.5	5700.0	5.9	10.4
2225.0	5700.0	21.7	9.7
2212.5	5700.0	13.4	7.7
2200.0	5700.0	2.4	11.5
2187.5	5700.0	-4.8	11.8
2175.0	5700.0	24.7	11.9
2162.5	5700.0	23.5	14.7
2150.0	5700.0	13.5	18.3
2137.5	5700.0	16.8	16.0
2125.0	5700.0	13.0	14.3
2112.5	5700.0	13.2	13.7
2100.0	5700.0	15.2	12.7
2087.5	5700.0	10.4	12.4
2075.0	5700.0	11.8	11.2
2062.5	5700.0	11.3	9.4
2050.0	5700.0	7.1	8.5
2037.5	5700.0	6.2	7.3
2025.0	5700.0	6.3	7.0
2012.5	5700.0	5.7	6.8
2000.0	5700.0	9.8	6.9
1987.5	5700.0	5.9	7.4

1975.0	5700.0	6.9	7.5
1962.5	5700.0	8.5	7.8
1950.0	5700.0	6.6	9.4
1937.5	5700.0	11.3	10.4
1925.0	5700.0	13.7	12.0
1912.5	5700.0	11.8	14.1
1900.0	5700.0	16.8	15.0
1887.5	5700.0	16.9	16.7
1875.0	5700.0	15.9	18.4
1862.5	5700.0	21.9	20.6
1850.0	5700.0	20.4	24.5
1837.5	5700.0	27.7	29.6
1825.0	5700.0	36.7	34.3
1812.5	5700.0	41.5	41.4
1800.0	5700.0	45.0	48.3
1787.5	5700.0	56.3	55.6
1775.0	5700.0	61.8	66.4
1762.5	5700.0	73.4	78.9
1750.0	5700.0	95.3	92.3
1737.5	5700.0	107.5	110.7
1725.0	5700.0	123.6	127.5
1712.5	5700.0	153.9	141.5
1700.0	5700.0	157.2	154.5
1687.5	5700.0	165.1	162.6
1675.0	5700.0	172.8	162.2
1662.5	5700.0	164.1	157.0
1650.0	5700.0	151.8	147.4
1637.5	5700.0	131.4	131.2
1625.0	5700.0	117.0	113.4
1612.5	5700.0	91.7	103.8
1600.0	5700.0	75.1	94.6

1.36 Line 5800N

1600.0	5800.0	122.2	120.2
1612.5	5800.0	115.9	123.6
1625.0	5800.0	122.5	125.4
1637.5	5800.0	133.8	125.7
1650.0	5800.0	132.8	126.9
1662.5	5800.0	123.6	124.9
1675.0	5800.0	121.8	119.4
1687.5	5800.0	112.3	111.4
1700.0	5800.0	106.5	102.7
1712.5	5800.0	92.7	92.4
1725.0	5800.0	80.2	82.4
1737.5	5800.0	70.3	72.2
1750.0	5800.0	62.3	63.3
1762.5	5800.0	55.7	55.3
1775.0	5800.0	47.8	47.4
1787.5	5800.0	40.4	40.4
1800.0	5800.0	30.7	33.7

1812.5	5800.0	27.6	27.6
1825.0	5800.0	22.1	23.0
1837.5	5800.0	17.4	19.9
1850.0	5800.0	17.1	17.6
1862.5	5800.0	15.2	16.1
1875.0	5800.0	16.3	14.8
1887.5	5800.0	14.5	13.0
1900.0	5800.0	11.0	11.8
1912.5	5800.0	8.2	9.7
1925.0	5800.0	9.1	8.3
1937.5	5800.0	5.8	7.8
1950.0	5800.0	7.6	7.3
1962.5	5800.0	8.5	5.5
1975.0	5800.0	5.4	4.6
1987.5	5800.0	.3	5.2
2000.0	5800.0	1.3	7.0
2012.5	5800.0	10.6	7.0
2025.0	5800.0	17.4	7.4
2037.5	5800.0	5.4	6.9
2050.0	5800.0	2.5	4.4
2062.5	5800.0	-1.3	1.9
2075.0	5800.0	-2.0	4.4
2087.5	5800.0	5.0	4.8
2100.0	5800.0	17.6	6.5
2112.5	5800.0	4.8	8.1
2125.0	5800.0	7.0	8.6
2137.5	5800.0	6.2	7.6
2150.0	5800.0	7.3	12.2
2162.5	5800.0	12.8	19.3
2175.0	5800.0	27.9	26.3
2187.5	5800.0	42.3	28.3
2200.0	5800.0	41.0	30.7
2212.5	5800.0	17.4	28.8
2225.0	5800.0	25.1	24.4
2237.5	5800.0	18.3	18.2
2250.0	5800.0	20.0	15.8
2262.5	5800.0	10.2	12.5
2275.0	5800.0	5.5	10.8
2287.5	5800.0	8.5	8.8
2300.0	5800.0	9.9	9.9
2312.5	5800.0	10.0	16.5
2325.0	5800.0	15.6	23.6
2337.5	5800.0	38.7	31.6
2350.0	5800.0	43.8	42.3
2362.5	5800.0	50.0	52.7
2375.0	5800.0	63.3	58.8
2387.5	5800.0	67.8	62.6
2400.0	5800.0	69.1	66.7

1.37 Line 5900N

2400.0	5900.0	.5	1.5
2387.5	5900.0	1.4	2.9
2375.0	5900.0	2.7	3.6
2362.5	5900.0	7.0	7.0
2350.0	5900.0	6.4	9.3
2337.5	5900.0	17.7	11.2
2325.0	5900.0	12.9	12.4
2312.5	5900.0	11.9	13.3
2300.0	5900.0	13.2	11.8
2287.5	5900.0	11.0	10.9
2275.0	5900.0	10.1	9.3
2262.5	5900.0	8.5	7.2
2250.0	5900.0	3.9	7.3
2237.5	5900.0	2.3	5.8
2225.0	5900.0	11.6	5.0
2212.5	5900.0	2.9	3.0
2200.0	5900.0	4.2	1.6
2187.5	5900.0	-5.9	.2
2175.0	5900.0	-4.6	-.1
2162.5	5900.0	4.4	-.2
2150.0	5900.0	1.6	1.8
2137.5	5900.0	3.4	2.3
2125.0	5900.0	4.0	.2
2112.5	5900.0	-1.9	-.1
2100.0	5900.0	-6.3	1.0
2087.5	5900.0	.3	1.9
2075.0	5900.0	9.1	2.4
2062.5	5900.0	8.5	5.1
2050.0	5900.0	.4	7.1
2037.5	5900.0	7.2	6.2
2025.0	5900.0	10.4	5.9
2012.5	5900.0	4.7	6.5
2000.0	5900.0	6.7	6.1
1987.5	5900.0	3.5	5.1
1975.0	5900.0	5.3	5.4
1962.5	5900.0	5.1	5.8
1950.0	5900.0	6.5	6.9
1937.5	5900.0	8.7	8.3
1925.0	5900.0	8.9	9.5
1912.5	5900.0	12.2	10.9
1900.0	5900.0	11.4	12.3
1887.5	5900.0	13.4	15.0
1875.0	5900.0	15.7	17.0
1862.5	5900.0	22.1	18.5
1850.0	5900.0	22.4	22.1
1837.5	5900.0	18.7	25.0
1825.0	5900.0	31.8	26.7
1812.5	5900.0	30.0	28.8
1800.0	5900.0	30.4	32.1
1787.5	5900.0	33.2	33.5

1775.0	5900.0	35.1	35.8
1762.5	5900.0	38.8	38.6
1750.0	5900.0	41.5	41.5
1737.5	5900.0	44.3	45.6
1725.0	5900.0	48.0	50.6
1712.5	5900.0	55.2	55.8
1700.0	5900.0	64.1	61.2
1687.5	5900.0	67.2	67.0
1675.0	5900.0	71.7	72.1
1662.5	5900.0	76.7	76.9
1650.0	5900.0	80.8	81.5
1637.5	5900.0	87.9	86.0
1625.0	5900.0	90.3	90.5
1612.5	5900.0	94.1	93.0
1600.0	5900.0	99.5	94.6

2. NORTH - SOUTH LINES

2.1 Line 1700E

Station N	Line E	Original Readings	Smoothed Readings
2200.0	1700.0	-7.6	-8.4
2212.5	1700.0	-20.5	-3.0
2225.0	1700.0	3.0	2.5
2237.5	1700.0	13.2	1.5
2250.0	1700.0	24.5	-11.2
2262.5	1700.0	-12.5	-32.5
2275.0	1700.0	-84.3	-55.6
2287.5	1700.0	-103.6	-79.2
2300.0	1700.0	-102.3	-94.5
2312.5	1700.0	-93.5	-94.7
2325.0	1700.0	-88.8	-90.0
2337.5	1700.0	-85.3	-85.2
2350.0	1700.0	-80.3	-81.4
2362.5	1700.0	-78.3	-78.5
2375.0	1700.0	-74.5	-76.1
2387.5	1700.0	-74.3	-72.9
2400.0	1700.0	-73.2	-70.4
2412.5	1700.0	-64.0	-68.8
2425.0	1700.0	-65.8	-66.9
2437.5	1700.0	-66.7	-65.0
2450.0	1700.0	-64.6	-64.0
2462.5	1700.0	-64.1	-62.4
2475.0	1700.0	-58.6	-61.3
2487.5	1700.0	-57.8	-59.1
2500.0	1700.0	-61.2	-57.1
2512.5	1700.0	-54.0	-54.7

2525.0	1700.0	-53.9	-52.2
2537.5	1700.0	-46.6	-49.3
2550.0	1700.0	-45.5	-47.7
2562.5	1700.0	-46.6	-45.4
2575.0	1700.0	-45.9	-44.6
2587.5	1700.0	-42.6	-43.8
2600.0	1700.0	-42.3	-42.7
2612.5	1700.0	-41.4	-40.9
2625.0	1700.0	-41.2	-39.8
2637.5	1700.0	-36.9	-38.8
2650.0	1700.0	-37.2	-37.2
2662.5	1700.0	-37.1	-34.7
2675.0	1700.0	-33.8	-32.8
2687.5	1700.0	-28.7	-31.0
2700.0	1700.0	-27.2	-28.2
2712.5	1700.0	-28.3	-25.4
2725.0	1700.0	-23.0	-22.7
2737.5	1700.0	-19.7	-20.0
2750.0	1700.0	-15.5	-18.0
2762.5	1700.0	-13.3	-16.3
2775.0	1700.0	-18.3	-15.2
2787.5	1700.0	-14.6	-11.4
2800.0	1700.0	-14.5	-8.2
2812.5	1700.0	3.6	-6.3
2825.0	1700.0	2.6	-3.8
2837.5	1700.0	-8.6	.7
2850.0	1700.0	-2.0	.1
2862.5	1700.0	7.8	-.1
2875.0	1700.0	.6	1.7
2887.5	1700.0	1.9	2.6
2900.0	1700.0	.3	2.8
2912.5	1700.0	2.6	3.5
2925.0	1700.0	8.4	4.1
2937.5	1700.0	4.4	7.7
2950.0	1700.0	4.9	11.5
2962.5	1700.0	18.3	13.0
2975.0	1700.0	21.4	16.0
2987.5	1700.0	16.1	18.7
3000.0	1700.0	19.2	19.2
3012.5	1700.0	18.4	19.4
3025.0	1700.0	21.1	20.8
3037.5	1700.0	22.3	22.6
3050.0	1700.0	23.1	21.8
3062.5	1700.0	28.3	19.5
3075.0	1700.0	14.2	15.6
3087.5	1700.0	9.8	11.2
3100.0	1700.0	2.7	7.0
3112.5	1700.0	1.1	11.1
3125.0	1700.0	7.2	19.6
3137.5	1700.0	34.9	51.1
3150.0	1700.0	52.1	72.7
3162.5	1700.0	160.2	148.7
3175.0	1700.0	109.3	185.3
3187.5	1700.0	387.0	224.7

3200.0	1700.0	218.0	211.5
3212.5	1700.0	249.1	196.2
3225.0	1700.0	94.2	123.0
3237.5	1700.0	32.9	83.4
3250.0	1700.0	20.9	36.6
3262.5	1700.0	19.8	19.6
3275.0	1700.0	15.3	15.1
3287.5	1700.0	9.0	13.7
3300.0	1700.0	10.6	12.9
3312.5	1700.0	13.9	14.2
3325.0	1700.0	15.7	16.7
3337.5	1700.0	21.9	20.1
3350.0	1700.0	21.6	25.0
3362.5	1700.0	27.4	30.4
3375.0	1700.0	38.6	35.5
3387.5	1700.0	42.4	40.7
3400.0	1700.0	47.5	44.8
3412.5	1700.0	47.5	47.5
3425.0	1700.0	47.9	49.3
3437.5	1700.0	52.0	50.9
3450.0	1700.0	51.5	54.3
3462.5	1700.0	55.4	59.0
3475.0	1700.0	64.9	64.5
3487.5	1700.0	71.4	71.3
3500.0	1700.0	79.1	78.6
3512.5	1700.0	85.7	83.6
3525.0	1700.0	91.8	85.6
3537.5	1700.0	89.8	84.2
3550.0	1700.0	81.6	81.5
3562.5	1700.0	72.1	76.3
3575.0	1700.0	72.2	68.0
3587.5	1700.0	65.7	58.6
3600.0	1700.0	48.4	49.6
3612.5	1700.0	34.4	39.0
3625.0	1700.0	27.1	30.0
3637.5	1700.0	19.5	25.2
3650.0	1700.0	20.8	24.7
3662.5	1700.0	24.0	27.4
3675.0	1700.0	32.3	34.1
3687.5	1700.0	40.4	37.5
3700.0	1700.0	53.2	42.0

2.2 Line 1800E

3700.0	1800.0	1.9	2.2
3687.5	1800.0	.4	3.1
3675.0	1800.0	4.2	3.8
3662.5	1800.0	6.0	4.6
3650.0	1800.0	6.5	5.7
3637.5	1800.0	6.0	6.7
3625.0	1800.0	5.6	7.7
3612.5	1800.0	9.2	9.5

3600.0	1800.0	11.2	12.4
3587.5	1800.0	15.7	16.1
3575.0	1800.0	20.5	19.3
3562.5	1800.0	24.0	22.8
3550.0	1800.0	25.3	25.6
3537.5	1800.0	28.7	27.5
3525.0	1800.0	29.7	29.0
3512.5	1800.0	29.8	31.1
3500.0	1800.0	31.4	33.2
3487.5	1800.0	35.7	36.1
3475.0	1800.0	39.3	39.2
3462.5	1800.0	44.2	41.8
3450.0	1800.0	45.2	43.1
3437.5	1800.0	44.5	42.9
3425.0	1800.0	42.2	40.2
3412.5	1800.0	38.6	35.8
3400.0	1800.0	30.5	29.7
3387.5	1800.0	23.1	22.2
3375.0	1800.0	14.0	14.0
3362.5	1800.0	4.9	6.4
3350.0	1800.0	-2.3	-.5
3337.5	1800.0	-7.9	-6.3
3325.0	1800.0	-11.0	-9.8
3312.5	1800.0	-15.4	-12.2
3300.0	1800.0	-12.2	-12.0
3287.5	1800.0	-14.7	-8.2
3275.0	1800.0	-6.6	-1.7
3262.5	1800.0	7.8	6.3
3250.0	1800.0	17.4	19.3
3237.5	1800.0	27.7	37.3
3225.0	1800.0	50.1	51.3
3212.5	1800.0	83.4	52.9
3200.0	1800.0	78.0	52.2
3187.5	1800.0	25.3	49.7
3175.0	1800.0	24.1	44.1
3162.5	1800.0	37.8	47.9
3150.0	1800.0	55.4	72.0
3137.5	1800.0	97.1	87.8
3125.0	1800.0	145.6	100.5
3112.5	1800.0	103.1	108.2
3100.0	1800.0	101.3	107.7
3087.5	1800.0	93.9	101.4
3075.0	1800.0	94.6	107.2
3062.5	1800.0	114.2	107.3
3050.0	1800.0	131.8	104.3
3037.5	1800.0	102.2	100.3
3025.0	1800.0	78.7	91.9
3012.5	1800.0	74.4	79.2
3000.0	1800.0	72.5	70.5
2987.5	1800.0	68.3	64.5
2975.0	1800.0	58.4	57.6
2962.5	1800.0	48.8	49.6
2950.0	1800.0	40.0	40.7

2937.5	1800.0	32.4	32.8
2925.0	1800.0	24.0	25.6
2912.5	1800.0	18.6	19.2
2900.0	1800.0	13.1	13.4
2887.5	1800.0	8.1	8.0
2875.0	1800.0	3.3	3.0
2862.5	1800.0	-3.1	-.7
2850.0	1800.0	-6.5	-3.6
2837.5	1800.0	-5.1	-3.7
2825.0	1800.0	-6.6	-3.4
2812.5	1800.0	2.8	-4.1
2800.0	1800.0	-1.8	-5.6
2787.5	1800.0	-9.9	-6.9
2775.0	1800.0	-12.7	-9.8
2762.5	1800.0	-12.8	-12.3
2750.0	1800.0	-12.0	-14.2
2737.5	1800.0	-14.1	-16.3
2725.0	1800.0	-19.3	-18.7
2712.5	1800.0	-23.3	-20.9
2700.0	1800.0	-24.7	-23.5
2687.5	1800.0	-23.3	-25.8
2675.0	1800.0	-26.9	-27.8
2662.5	1800.0	-30.6	-28.8
2650.0	1800.0	-33.3	-30.5
2637.5	1800.0	-29.8	-33.4
2625.0	1800.0	-32.0	-35.7
2612.5	1800.0	-41.1	-37.5
2600.0	1800.0	-42.5	-40.4
2587.5	1800.0	-42.1	-43.1
2575.0	1800.0	-44.5	-44.2
2562.5	1800.0	-45.3	-45.4
2550.0	1800.0	-46.8	-47.2
2537.5	1800.0	-48.5	-48.4
2525.0	1800.0	-51.0	-50.5
2512.5	1800.0	-50.2	-51.8
2500.0	1800.0	-55.8	-53.6
2487.5	1800.0	-53.4	-55.1
2475.0	1800.0	-57.7	-56.1
2462.5	1800.0	-58.4	-57.7
2450.0	1800.0	-55.3	-59.7
2437.5	1800.0	-63.7	-61.5
2425.0	1800.0	-63.5	-63.1
2412.5	1800.0	-66.7	-65.6
2400.0	1800.0	-66.5	-66.8
2387.5	1800.0	-67.7	-68.5
2375.0	1800.0	-69.4	-69.5
2362.5	1800.0	-72.2	-71.6
2350.0	1800.0	-71.9	-74.1
2337.5	1800.0	-76.7	-75.2
2325.0	1800.0	-80.2	-79.2
2312.5	1800.0	-75.1	-81.8
2300.0	1800.0	-91.9	-84.3
2287.5	1800.0	-85.0	-88.1

2275.0	1800.0	-89.2	-98.0
2262.5	1800.0	-99.5	-86.6
2250.0	1800.0	-124.6	-62.0
2237.5	1800.0	-34.6	-41.6
2225.0	1800.0	37.7	-28.7
2212.5	1800.0	13.0	-4.8
2200.0	1800.0	-35.2	5.2

2.3 Line 1900E

3000.0	1900.0	-5.8	-4.8
2987.5	1900.0	-4.4	-4.6
2975.0	1900.0	-4.3	-4.5
2962.5	1900.0	-3.9	-4.0
2950.0	1900.0	-3.9	-3.8
2937.5	1900.0	-3.6	-3.5
2925.0	1900.0	-3.2	-3.3
2912.5	1900.0	-2.9	-3.0
2900.0	1900.0	-2.7	-2.2
2887.5	1900.0	-2.4	-1.6
2875.0	1900.0	.0	-1.0
2862.5	1900.0	-.1	-.6
2850.0	1900.0	.0	-.4
2837.5	1900.0	-.4	-.2
2825.0	1900.0	-1.6	-.2
2812.5	1900.0	1.0	.0
2800.0	1900.0	.0	.0
2787.5	1900.0	.8	.8
2775.0	1900.0	-.2	.7
2762.5	1900.0	2.2	.4
2750.0	1900.0	.6	-.4
2737.5	1900.0	-1.3	-1.1
2725.0	1900.0	-3.2	-1.3
2712.5	1900.0	-3.7	-2.0
2700.0	1900.0	1.3	-3.0
2687.5	1900.0	-3.1	-4.8
2675.0	1900.0	-6.1	-7.0
2662.5	1900.0	-12.6	-10.2
2650.0	1900.0	-14.3	-13.2
2637.5	1900.0	-15.0	-16.3
2625.0	1900.0	-17.9	-17.9
2612.5	1900.0	-21.5	-19.5
2600.0	1900.0	-20.6	-22.7
2587.5	1900.0	-22.7	-25.8
2575.0	1900.0	-30.7	-28.5
2562.5	1900.0	-33.5	-32.3
2550.0	1900.0	-35.1	-36.1
2537.5	1900.0	-39.3	-38.0
2525.0	1900.0	-42.1	-39.5
2512.5	1900.0	-39.9	-41.6
2500.0	1900.0	-41.2	-43.0
2487.5	1900.0	-45.3	-44.5

2475.0	1900.0	-46.6	-46.5
2462.5	1900.0	-49.6	-48.7
2450.0	1900.0	-49.9	-50.1
2437.5	1900.0	-52.0	-50.8
2425.0	1900.0	-52.3	-52.3
2412.5	1900.0	-50.4	-54.8
2400.0	1900.0	-56.7	-57.3
2387.5	1900.0	-62.8	-59.8
2375.0	1900.0	-64.5	-61.5
2362.5	1900.0	-64.5	-62.7
2350.0	1900.0	-59.0	-64.2
2337.5	1900.0	-62.9	-64.1
2325.0	1900.0	-70.2	-64.2
2312.5	1900.0	-64.0	-66.3
2300.0	1900.0	-64.7	-69.4
2287.5	1900.0	-69.6	-70.4
2275.0	1900.0	-78.4	-73.7
2262.5	1900.0	-75.5	-76.7
2250.0	1900.0	-80.3	-81.3
2237.5	1900.0	-79.7	-84.0
2225.0	1900.0	-92.8	-84.8
2212.5	1900.0	-91.6	-85.9
2200.0	1900.0	-79.4	-87.9

2.4 Line 2000E

2200.0	2000.0	-71.1	-71.2
2212.5	2000.0	-70.1	-73.3
2225.0	2000.0	-72.5	-73.0
2237.5	2000.0	-79.4	-72.8
2250.0	2000.0	-71.7	-72.2
2262.5	2000.0	-70.2	-70.8
2275.0	2000.0	-67.2	-68.4
2287.5	2000.0	-65.3	-66.2
2300.0	2000.0	-67.4	-64.4
2312.5	2000.0	-60.7	-62.1
2325.0	2000.0	-61.6	-60.3
2337.5	2000.0	-55.5	-57.2
2350.0	2000.0	-56.4	-55.5
2362.5	2000.0	-51.8	-53.4
2375.0	2000.0	-52.0	-52.1
2387.5	2000.0	-51.4	-50.6
2400.0	2000.0	-49.0	-50.5
2412.5	2000.0	-48.7	-49.1
2425.0	2000.0	-51.6	-46.7
2437.5	2000.0	-44.8	-45.3
2450.0	2000.0	-39.5	-42.8
2462.5	2000.0	-41.9	-39.3
2475.0	2000.0	-36.1	-37.2
2487.5	2000.0	-34.1	-36.7
2500.0	2000.0	-34.3	-35.4

2512.5	2000.0	-37.3	-34.9
2525.0	2000.0	-35.0	-34.9
2537.5	2000.0	-33.7	-33.4
2550.0	2000.0	-34.1	-30.4
2562.5	2000.0	-26.9	-26.9
2575.0	2000.0	-22.3	-25.2
2587.5	2000.0	-17.7	-22.1
2600.0	2000.0	-25.1	-20.1
2612.5	2000.0	-18.3	-18.5
2625.0	2000.0	-17.1	-17.2
2637.5	2000.0	-14.3	-13.8
2650.0	2000.0	-11.2	-11.7
2662.5	2000.0	-7.9	-9.8
2675.0	2000.0	-8.1	-8.3
2687.5	2000.0	-7.4	-6.6
2700.0	2000.0	-6.9	-6.0
2712.5	2000.0	-2.7	-5.0
2725.0	2000.0	-4.8	-3.9
2737.5	2000.0	-3.0	-3.3
2750.0	2000.0	-2.3	-4.6
2762.5	2000.0	-3.9	-5.4
2775.0	2000.0	-8.8	-6.5
2787.5	2000.0	-8.8	-7.9
2800.0	2000.0	-8.9	-9.1
2812.5	2000.0	-8.9	-9.6
2825.0	2000.0	-9.9	-10.7
2837.5	2000.0	-11.4	-12.0
2850.0	2000.0	-14.6	-13.5
2862.5	2000.0	-15.4	-14.7
2875.0	2000.0	-16.1	-15.8
2887.5	2000.0	-16.2	-16.1
2900.0	2000.0	-16.5	-16.4
2912.5	2000.0	-16.2	-16.6
2925.0	2000.0	-17.1	-16.8
2937.5	2000.0	-17.0	-17.0
2950.0	2000.0	-17.4	-17.1
2962.5	2000.0	-17.2	-17.0
2975.0	2000.0	-17.0	-16.8
2987.5	2000.0	-16.3	-16.6
3000.0	2000.0	-15.9	-16.4

2.5 Line 2100E

3000.0	2100.0	3.0	3.6
2987.5	2100.0	3.9	3.3
2975.0	2100.0	4.0	2.9
2962.5	2100.0	2.1	2.3
2950.0	2100.0	1.5	1.3
2937.5	2100.0	.1	-1.3
2925.0	2100.0	-1.2	-4.0
2912.5	2100.0	-8.8	-7.2
2900.0	2100.0	-11.5	-11.6

2887.5	2100.0	-14.4	-16.3
2875.0	2100.0	-22.1	-19.2
2862.5	2100.0	-24.7	-21.7
2850.0	2100.0	-23.5	-23.4
2837.5	2100.0	-23.6	-23.4
2825.0	2100.0	-22.9	-22.7
2812.5	2100.0	-22.4	-22.1
2800.0	2100.0	-21.2	-21.5
2787.5	2100.0	-20.2	-20.8
2775.0	2100.0	-20.6	-20.5
2762.5	2100.0	-19.6	-20.3
2750.0	2100.0	-21.0	-20.2
2737.5	2100.0	-20.0	-19.0
2725.0	2100.0	-19.8	-17.8
2712.5	2100.0	-14.4	-16.9
2700.0	2100.0	-14.0	-16.6
2687.5	2100.0	-16.4	-16.3
2675.0	2100.0	-18.7	-16.6
2650.0	2100.0	-18.1	-17.6
2625.0	2100.0	-15.7	-18.2
2600.0	2100.0	-19.0	-18.6
2575.0	2100.0	-19.6	-20.0
2550.0	2100.0	-20.6	-22.8
2525.0	2100.0	-25.0	-25.3
2500.0	2100.0	-29.9	-27.7
2487.5	2100.0	-31.6	-30.7
2475.0	2100.0	-31.5	-33.0
2462.5	2100.0	-35.4	-35.5
2450.0	2100.0	-36.8	-38.2
2437.5	2100.0	-42.2	-40.7
2425.0	2100.0	-45.0	-42.4
2412.5	2100.0	-43.9	-44.3
2400.0	2100.0	-44.0	-45.7
2387.5	2100.0	-46.3	-46.5
2375.0	2100.0	-49.2	-47.9
2362.5	2100.0	-49.1	-49.6
2350.0	2100.0	-50.7	-50.4
2337.5	2100.0	-52.5	-50.7
2325.0	2100.0	-50.7	-50.9
2312.5	2100.0	-50.6	-50.7
2300.0	2100.0	-49.8	-50.5
2287.5	2100.0	-49.7	-51.2
2275.0	2100.0	-51.9	-52.6
2262.5	2100.0	-53.8	-54.9
2250.0	2100.0	-57.9	-56.9
2237.5	2100.0	-61.2	-57.8
2225.0	2100.0	-59.6	-58.1
2212.5	2100.0	-56.7	-58.2
2220.0	2100.0	-55.2	-57.2

2.6 Line 2200E

3300.0	2200.0	.3	.6
3287.5	2200.0	.8	1.0
3275.0	2200.0	.7	1.5
3262.5	2200.0	2.1	1.5
3250.0	2200.0	3.7	2.5
3237.5	2200.0	.1	2.7
3225.0	2200.0	5.7	2.5
3212.5	2200.0	1.8	2.2
3200.0	2200.0	1.4	2.8
3187.5	2200.0	1.9	2.3
3175.0	2200.0	3.1	2.3
3162.5	2200.0	3.3	2.5
3150.0	2200.0	2.0	2.8
3137.5	2200.0	2.1	3.1
3125.0	2200.0	3.5	2.9
3112.5	2200.0	4.7	3.3
3100.0	2200.0	2.4	3.4
3087.5	2200.0	3.6	2.8
3075.0	2200.0	2.7	2.1
3062.5	2200.0	.6	2.1
3050.0	2200.0	1.1	2.0
3037.5	2200.0	2.4	2.2
3025.0	2200.0	3.4	3.5
3012.5	2200.0	3.6	5.4
3000.0	2200.0	6.9	7.5
2987.5	2200.0	10.6	8.8
2975.0	2200.0	13.0	9.8
2962.5	2200.0	9.7	10.1
2950.0	2200.0	8.9	9.2
2937.5	2200.0	8.2	7.4
2925.0	2200.0	6.4	5.6
2912.5	2200.0	3.6	2.7
2900.0	2200.0	.8	-1.1
2887.5	2200.0	-5.6	-3.6
2875.0	2200.0	-10.6	-7.3
2862.5	2200.0	-6.2	-10.7
2850.0	2200.0	-15.0	-13.8
2837.5	2200.0	-16.1	-16.4
2825.0	2200.0	-21.2	-20.5
2812.5	2200.0	-23.6	-22.7
2800.0	2200.0	-26.7	-25.5
2787.5	2200.0	-25.9	-27.6
2775.0	2200.0	-30.0	-29.5
2762.5	2200.0	-32.0	-30.4
2750.0	2200.0	-32.7	-31.6
2737.5	2200.0	-31.3	-32.3
2725.0	2200.0	-31.8	-32.3
2712.5	2200.0	-33.5	-31.9
2700.0	2200.0	-32.0	-31.6
2687.5	2200.0	-31.1	-31.4
2675.0	2200.0	-29.4	-30.7

2662.5	2200.0	-30.9	-30.6
2650.0	2200.0	-30.3	-30.1
2637.5	2200.0	-31.4	-30.3
2625.0	2200.0	-28.4	-30.0
2612.5	2200.0	-30.5	-30.1
2600.0	2200.0	-29.6	-30.5
2587.5	2200.0	-30.6	-31.4
2575.0	2200.0	-33.6	-32.4
2562.5	2200.0	-32.6	-33.5
2550.0	2200.0	-35.6	-34.0
2537.5	2200.0	-35.2	-34.5
2525.0	2200.0	-32.9	-35.3
2512.5	2200.0	-36.0	-36.3
2500.0	2200.0	-37.0	-37.4
2487.5	2200.0	-40.2	-38.8
2475.0	2200.0	-40.9	-40.3
2462.5	2200.0	-39.8	-41.8
2450.0	2200.0	-43.4	-43.3
2437.5	2200.0	-44.8	-45.2
2425.0	2200.0	-47.8	-47.1
2412.5	2200.0	-50.1	-48.9
2400.0	2200.0	-49.4	-50.6
2387.5	2200.0	-52.6	-51.6
2375.0	2200.0	-53.3	-52.4
2362.5	2200.0	-52.4	-53.4
2350.0	2200.0	-54.3	-53.4
2337.5	2200.0	-54.2	-52.0
2325.0	2200.0	-52.7	-52.1
2312.5	2200.0	-46.4	-53.0
2300.0	2200.0	-52.8	-53.7
2287.5	2200.0	-58.9	-55.2
2275.0	2200.0	-57.6	-56.9
2262.5	2200.0	-60.4	-57.8
2250.0	2200.0	-54.9	-58.7
2237.5	2200.0	-57.3	-61.1
2225.0	2200.0	-63.4	-63.7
2212.5	2200.0	-69.3	-65.9
2200.0	2200.0	-73.6	-68.8

2.7 Line 2300E

2200.0	2300.0	-54.8	-52.0
2212.5	2300.0	-54.2	-50.7
2225.0	2300.0	-46.9	-51.6
2237.5	2300.0	-46.8	-50.7
2250.0	2300.0	-55.1	-50.1
2262.5	2300.0	-50.5	-51.3
2275.0	2300.0	-51.1	-51.4
2287.5	2300.0	-52.9	-49.9
2300.0	2300.0	-47.3	-49.6
2312.5	2300.0	-47.6	-48.2

2325.0	2300.0	-49.1	-47.1
2337.5	2300.0	-43.9	-47.8
2350.0	2300.0	-47.5	-47.7
2362.5	2300.0	-50.9	-47.3
2375.0	2300.0	-47.0	-47.1
2387.5	2300.0	-47.2	-46.7
2400.0	2300.0	-42.8	-45.7
2412.5	2300.0	-45.6	-44.1
2425.0	2300.0	-46.0	-42.6
2437.5	2300.0	-39.1	-42.2
2450.0	2300.0	-39.4	-41.1
2462.5	2300.0	-40.7	-40.3
2475.0	2300.0	-40.4	-41.2
2487.5	2300.0	-42.0	-41.6
2500.0	2300.0	-43.6	-41.1
2512.5	2300.0	-41.4	-41.6
2525.0	2300.0	-38.3	-40.9
2537.5	2300.0	-42.7	-39.9
2550.0	2300.0	-38.7	-39.4
2562.5	2300.0	-38.5	-39.9
2575.0	2300.0	-38.8	-39.4
2587.5	2300.0	-40.9	-40.2
2600.0	2300.0	-40.2	-41.0
2612.5	2300.0	-42.5	-42.6
2625.0	2300.0	-42.5	-44.6
2637.5	2300.0	-47.0	-48.0
2650.0	2300.0	-50.6	-51.0
2662.5	2300.0	-57.3	-53.0
2675.0	2300.0	-57.4	-53.6
2687.5	2300.0	-52.8	-51.1
2700.0	2300.0	-50.1	-45.7
2712.5	2300.0	-37.9	-40.1
2725.0	2300.0	-30.2	-34.8
2737.5	2300.0	-29.4	-29.8
2750.0	2300.0	-26.3	-26.7
2762.5	2300.0	-25.2	-24.6
2775.0	2300.0	-22.6	-22.6
2787.5	2300.0	-19.5	-21.1
2800.0	2300.0	-19.6	-19.2
2812.5	2300.0	-18.6	-17.5
2825.0	2300.0	-15.7	-16.2
2837.5	2300.0	-14.2	-14.7
2850.0	2300.0	-12.7	-13.1
2862.5	2300.0	-12.1	-12.0
2875.0	2300.0	-10.9	-10.9
2887.5	2300.0	-10.2	-10.1
2900.0	2300.0	-8.8	-9.2
2912.5	2300.0	-8.3	-8.5
2925.0	2300.0	-7.7	-8.0
2937.5	2300.0	-7.7	-7.8
2950.0	2300.0	-7.7	-7.6
2962.5	2300.0	-7.5	-7.4
2975.0	2300.0	-7.3	-7.1

2987.5	2300.0	-6.9	-6.8
3000.0	2300.0	-6.0	-6.5
3012.5	2300.0	-6.3	-6.2
3025.0	2300.0	-6.0	-5.8
3037.5	2300.0	-5.6	-5.2
3050.0	2300.0	-4.9	-4.7
3062.5	2300.0	-3.2	-4.4
3075.0	2300.0	-3.9	-4.0
3087.5	2300.0	-4.4	-3.7
3100.0	2300.0	-3.6	-3.8
3112.5	2300.0	-3.5	-2.9
3125.0	2300.0	-3.7	-2.4
3137.5	2300.0	.6	-2.5
3150.0	2300.0	-2.0	-2.1
3162.5	2300.0	-4.0	-2.0
3175.0	2300.0	-1.3	-2.5
3187.5	2300.0	-3.5	-2.5
3200.0	2300.0	-1.7	-2.4
3212.5	2300.0	-2.1	-2.5
3225.0	2300.0	-3.4	-2.4
3237.5	2300.0	-2.0	-2.3
3250.0	2300.0	-2.9	-2.1
3262.5	2300.0	-1.0	-1.3
3275.0	2300.0	-1.1	-.6
3287.5	2300.0	.7	.8
3300.0	2300.0	1.3	2.0
3312.5	2300.0	3.9	2.0
3325.0	2300.0	5.2	1.9
3337.5	2300.0	-1.1	1.6
3350.0	2300.0	.2	1.1
3362.5	2300.0	-.2	.5
3375.0	2300.0	1.5	1.8
3387.5	2300.0	2.0	2.2
3400.0	2300.0	5.4	3.0

2.8 Line 2400E

2200.0	2400.0	-51.6	-42.8
2212.5	2400.0	-43.5	-42.8
2225.0	2400.0	-33.2	-43.2
2237.5	2400.0	-42.8	-45.2
2250.0	2400.0	-45.1	-48.4
2262.5	2400.0	-61.5	-53.3
2275.0	2400.0	-59.5	-55.6
2287.5	2400.0	-57.4	-58.2
2300.0	2400.0	-54.4	-57.7
2312.5	2400.0	-58.1	-55.6
2325.0	2400.0	-59.0	-55.3
2337.5	2400.0	-49.2	-55.2
2350.0	2400.0	-55.7	-53.2
2362.5	2400.0	-53.9	-52.1

2375.0	2400.0	-48.2	-51.6
2387.5	2400.0	-53.7	-50.0
2400.0	2400.0	-46.3	-49.1
2412.5	2400.0	-47.7	-48.3
2425.0	2400.0	-49.7	-46.4
2437.5	2400.0	-44.1	-46.0
2450.0	2400.0	-44.2	-46.3
2462.5	2400.0	-44.3	-45.0
2475.0	2400.0	-49.1	-44.6
2487.5	2400.0	-43.4	-43.4
2500.0	2400.0	-42.1	-42.3
2512.5	2400.0	-37.9	-40.2
2525.0	2400.0	-39.2	-39.7
2537.5	2400.0	-38.2	-39.7
2550.0	2400.0	-40.9	-39.8
2562.5	2400.0	-42.1	-39.9
2575.0	2400.0	-38.5	-40.4
2587.5	2400.0	-40.0	-40.3
2600.0	2400.0	-40.3	-40.5
2612.5	2400.0	-40.5	-41.8
2625.0	2400.0	-43.1	-42.2
2637.5	2400.0	-45.3	-43.2
2650.0	2400.0	-41.9	-45.2
2662.5	2400.0	-45.1	-46.3
2675.0	2400.0	-50.7	-47.0
2687.5	2400.0	-48.7	-48.9
2700.0	2400.0	-48.6	-51.4
2712.5	2400.0	-51.3	-53.1
2725.0	2400.0	-57.5	-55.6
2737.5	2400.0	-59.5	-56.0
2750.0	2400.0	-61.1	-54.4
2762.5	2400.0	-50.7	-50.7
2775.0	2400.0	-43.1	-45.5
2787.5	2400.0	-39.3	-39.7
2800.0	2400.0	-33.1	-35.1
2812.5	2400.0	-32.1	-30.9
2825.0	2400.0	-27.8	-27.6
2837.5	2400.0	-22.4	-25.3
2850.0	2400.0	-22.5	-23.0
2862.5	2400.0	-21.6	-21.4
2875.0	2400.0	-20.6	-20.6
2887.5	2400.0	-20.0	-18.9
2900.0	2400.0	-18.1	-17.7
2912.5	2400.0	-14.0	-16.6
2925.0	2400.0	-15.7	-15.4
2937.5	2400.0	-15.0	-14.4
2950.0	2400.0	-14.0	-14.3
2962.5	2400.0	-13.4	-13.9
2975.0	2400.0	-13.4	-13.5
2987.5	2400.0	-13.5	-13.3
3000.0	2400.0	-13.4	-12.9
3012.5	2400.0	-12.6	-12.3
3025.0	2400.0	-11.5	-11.7

3037.5	2400.0	-10.6	-11.0
3050.0	2400.0	-10.4	-10.4
3062.5	2400.0	-10.1	-9.4
3075.0	2400.0	-9.3	-9.0
3087.5	2400.0	-6.6	-8.3
3100.0	2400.0	-8.6	-7.7
3112.5	2400.0	-6.8	-7.5
3125.0	2400.0	-7.1	-7.1
3137.5	2400.0	-8.3	-5.7
3150.0	2400.0	-4.6	-4.9
3162.5	2400.0	-1.9	-4.2
3175.0	2400.0	-2.8	-3.6
3187.5	2400.0	-3.6	-3.3
3200.0	2400.0	-5.3	-3.9
3212.5	2400.0	-2.7	-3.5
3225.0	2400.0	-5.0	-3.2
3237.5	2400.0	-1.1	-2.3
3250.0	2400.0	-2.1	-2.6
3262.5	2400.0	-.4	-2.3
3275.0	2400.0	-4.3	-2.3
3287.5	2400.0	-3.5	-2.0
3300.0	2400.0	-1.4	-1.8
3312.5	2400.0	-.4	-.7
3325.0	2400.0	.6	.4
3337.5	2400.0	1.4	1.3
3350.0	2400.0	1.7	2.2
3362.5	2400.0	3.1	3.0
3375.0	2400.0	4.1	4.0
3387.5	2400.0	4.8	4.6
3400.0	2400.0	6.3	5.1

2.9 Line 2500E

3400.0	2500.0	10.8	9.8
3387.5	2500.0	10.0	9.4
3375.0	2500.0	8.6	8.7
3362.5	2500.0	8.0	7.4
3350.0	2500.0	6.0	6.1
3337.5	2500.0	4.5	5.1
3325.0	2500.0	3.5	3.8
3312.5	2500.0	3.4	2.7
3300.0	2500.0	1.7	1.6
3287.5	2500.0	.3	.7
3275.0	2500.0	-.8	-.4
3262.5	2500.0	-1.3	-1.3
3250.0	2500.0	-1.9	-2.2
3237.5	2500.0	-2.9	-2.8
3225.0	2500.0	-3.9	-3.5
3212.5	2500.0	-4.2	-4.3
3200.0	2500.0	-4.8	-5.1
3187.5	2500.0	-5.5	-6.0

3175.0	2500.0	-7.3	-6.8
3162.5	2500.0	-8.3	-7.8
3150.0	2500.0	-8.2	-8.6
3137.5	2500.0	-9.5	-9.3
3125.0	2500.0	-9.9	-9.7
3112.5	2500.0	-10.4	-10.6
3100.0	2500.0	-10.7	-11.2
3087.5	2500.0	-12.3	-12.0
3075.0	2500.0	-12.9	-12.9
3062.5	2500.0	-13.9	-13.7
3050.0	2500.0	-14.5	-14.2
3037.5	2500.0	-14.7	-14.3
3025.0	2500.0	-15.2	-14.5
3012.5	2500.0	-13.0	-14.6
3000.0	2500.0	-14.9	-14.8
2987.5	2500.0	-15.2	-14.8
2975.0	2500.0	-15.9	-15.5
2962.5	2500.0	-15.0	-15.8
2950.0	2500.0	-16.4	-15.8
2937.5	2500.0	-16.3	-15.3
2925.0	2500.0	-15.3	-14.3
2912.5	2500.0	-13.4	-12.6
2900.0	2500.0	-9.9	-10.9
2887.5	2500.0	-8.2	-8.2
2875.0	2500.0	-7.7	-5.9
2862.5	2500.0	-1.9	-4.3
2850.0	2500.0	-1.9	-2.8
2837.5	2500.0	-1.6	-1.5
2825.0	2500.0	-1.1	-1.8
2812.5	2500.0	-1.0	-1.1
2800.0	2500.0	-3.5	-1.8
2787.5	2500.0	1.8	-2.7
2775.0	2500.0	-5.2	-3.2
2762.5	2500.0	-5.7	-4.8
2750.0	2500.0	-3.4	-9.9
2737.5	2500.0	-11.3	-17.0
2725.0	2500.0	-24.0	-24.9
2712.5	2500.0	-40.7	-32.4
2700.0	2500.0	-45.0	-39.7
2687.5	2500.0	-40.8	-44.8
2675.0	2500.0	-47.9	-48.5
2662.5	2500.0	-49.5	-50.1
2650.0	2500.0	-59.4	-52.2
2637.5	2500.0	-52.8	-52.0
2625.0	2500.0	-51.2	-51.2
2612.5	2500.0	-47.3	-48.4
2600.0	2500.0	-45.4	-47.4
2587.5	2500.0	-45.5	-48.2
2575.0	2500.0	-47.4	-48.8
2562.5	2500.0	-55.3	-46.8
2550.0	2500.0	-50.2	-46.3
2537.5	2500.0	-35.5	-44.9
2525.0	2500.0	-43.0	-42.6

2512.5	2500.0	-40.5	-40.6
2500.0	2500.0	-43.9	-42.4
2487.5	2500.0	-40.0	-42.9
2475.0	2500.0	-44.7	-45.1
2462.5	2500.0	-45.5	-45.2
2450.0	2500.0	-51.2	-46.0
2437.5	2500.0	-44.8	-49.3
2425.0	2500.0	-43.9	-49.4
2412.5	2500.0	-61.1	-47.1
2400.0	2500.0	-46.1	-46.9
2387.5	2500.0	-39.4	-47.6
2375.0	2500.0	-43.9	-44.5
2362.5	2500.0	-47.4	-43.7
2350.0	2500.0	-45.6	-47.4
2337.5	2500.0	-42.1	-51.3
2325.0	2500.0	-58.1	-52.7
2312.5	2500.0	-63.4	-55.4
2300.0	2500.0	-54.2	-58.8
2287.5	2500.0	-59.2	-63.1
2275.0	2500.0	-59.1	-61.3
2262.5	2500.0	-79.4	-59.1
2250.0	2500.0	-54.8	-56.0
2237.5	2500.0	-43.0	-54.5
2225.0	2500.0	-43.8	-52.0
2212.5	2500.0	-51.7	-51.3
2200.0	2500.0	-66.7	-54.1

2.10 Line 2600E

2200.0	2600.0	-81.4	-47.9
2212.5	2600.0	-43.2	-40.0
2225.0	2600.0	-19.2	-35.0
2237.5	2600.0	-16.2	-24.6
2250.0	2600.0	-15.0	-24.5
2262.5	2600.0	-29.5	-28.3
2275.0	2600.0	-42.8	-28.3
2287.5	2600.0	-38.1	-24.7
2300.0	2600.0	-15.9	-20.3
2312.5	2600.0	2.7	-11.6
2325.0	2600.0	-7.5	-16.1
2337.5	2600.0	.8	-23.6
2350.0	2600.0	-60.6	-36.4
2362.5	2600.0	-53.6	-46.5
2375.0	2600.0	-61.0	-57.8
2387.5	2600.0	-58.1	-57.5
2400.0	2600.0	-55.8	-59.1
2412.5	2600.0	-58.9	-51.6
2425.0	2600.0	-61.5	-46.0
2437.5	2600.0	-23.5	-43.2
2450.0	2600.0	-30.1	-42.3
2462.5	2600.0	-42.0	-42.1

2475.0	2600.0	-54.4	-48.0
2487.5	2600.0	-60.3	-51.7
2500.0	2600.0	-53.1	-51.9
2512.5	2600.0	-48.8	-49.0
2525.0	2600.0	-42.8	-44.1
2537.5	2600.0	-39.8	-40.3
2550.0	2600.0	-36.0	-37.0
2562.5	2600.0	-34.1	-34.5
2575.0	2600.0	-32.1	-33.2
2587.5	2600.0	-30.3	-33.7
2600.0	2600.0	-33.4	-35.9
2612.5	2600.0	-38.8	-37.7
2625.0	2600.0	-44.8	-39.7
2637.5	2600.0	-41.3	-41.5
2650.0	2600.0	-40.4	-42.3
2662.5	2600.0	-42.0	-42.6
2675.0	2600.0	-42.8	-43.9
2687.5	2600.0	-46.6	-46.0
2700.0	2600.0	-47.7	-48.8
2712.5	2600.0	-50.8	-51.7
2725.0	2600.0	-56.3	-52.6
2737.5	2600.0	-57.1	-53.4
2750.0	2600.0	-51.0	-53.2
2762.5	2600.0	-51.9	-51.7
2775.0	2600.0	-49.6	-45.3
2787.5	2600.0	-49.0	-37.4
2800.0	2600.0	-24.9	-27.1
2812.5	2600.0	-11.8	-17.4
2825.0	2600.0	-.3	-8.8
2837.5	2600.0	-1.2	-5.7
2850.0	2600.0	-5.8	-5.5
2862.5	2600.0	-9.5	-8.2
2875.0	2600.0	-10.5	-10.7
2887.5	2600.0	-13.9	-12.3
2900.0	2600.0	-13.9	-13.4
2912.5	2600.0	-13.9	-14.3
2925.0	2600.0	-14.7	-14.5
2937.5	2600.0	-15.2	-15.0
2950.0	2600.0	-15.0	-15.4
2962.5	2600.0	-16.1	-15.8
2975.0	2600.0	-16.0	-16.1
2987.5	2600.0	-16.6	-16.5
3000.0	2600.0	-17.0	-16.5
3012.5	2600.0	-16.6	-16.5
3025.0	2600.0	-16.5	-16.4
3037.5	2600.0	-16.0	-16.2
3050.0	2600.0	-15.8	-16.0
3062.5	2600.0	-16.3	-15.5
3075.0	2600.0	-15.5	-14.6
3087.5	2600.0	-13.8	-14.1
3100.0	2600.0	-11.7	-13.4
3112.5	2600.0	-13.3	-12.7
3125.0	2600.0	-12.9	-12.0

3137.5	2600.0	-11.8	-11.7
3150.0	2600.0	-10.5	-10.9
3162.5	2600.0	-9.8	-10.0
3175.0	2600.0	-9.6	-7.8
3187.5	2600.0	-8.1	-5.5
3200.0	2600.0	-1.1	-3.2
3212.5	2600.0	1.3	-.7
3225.0	2600.0	1.7	1.4
3237.5	2600.0	2.8	2.3
3250.0	2600.0	2.4	2.8
3262.5	2600.0	3.3	3.8
3275.0	2600.0	3.6	5.0
3287.5	2600.0	7.0	6.4
3300.0	2600.0	8.5	8.0
3312.5	2600.0	9.7	9.9
3325.0	2600.0	11.4	11.2
3337.5	2600.0	13.0	12.9
3350.0	2600.0	13.3	14.0
3362.5	2600.0	17.2	15.6
3375.0	2600.0	15.3	17.6
3387.5	2600.0	19.4	18.7
3400.0	2600.0	22.8	19.2

2.11 Line 2700E

3400.0	2700.0	27.8	28.9
3387.5	2700.0	28.4	29.0
3375.0	2700.0	30.5	29.0
3362.5	2700.0	29.5	29.1
3350.0	2700.0	28.8	28.3
3337.5	2700.0	28.5	27.1
3325.0	2700.0	24.4	27.4
3312.5	2700.0	24.2	29.2
3300.0	2700.0	31.0	31.3
3287.5	2700.0	37.8	33.3
3275.0	2700.0	39.0	34.1
3262.5	2700.0	34.5	32.4
3250.0	2700.0	28.1	28.5
3237.5	2700.0	22.8	23.5
3225.0	2700.0	18.0	19.4
3212.5	2700.0	14.2	16.0
3200.0	2700.0	13.8	13.4
3187.5	2700.0	11.3	11.6
3175.0	2700.0	9.8	10.5
3162.5	2700.0	8.9	8.8
3150.0	2700.0	8.5	6.8
3137.5	2700.0	5.4	5.1
3125.0	2700.0	1.6	2.9
3112.5	2700.0	.9	.6
3100.0	2700.0	-2.1	-1.9
3087.5	2700.0	-2.6	-3.9
3075.0	2700.0	-7.2	-6.1

3062.5	2700.0	-8.3	-8.3
3050.0	2700.0	-10.5	-11.0
3037.5	2700.0	-12.7	-13.1
3025.0	2700.0	-16.4	-15.0
3012.5	2700.0	-17.4	-16.6
3000.0	2700.0	-18.0	-17.7
2987.5	2700.0	-18.3	-18.5
2975.0	2700.0	-18.6	-19.1
2962.5	2700.0	-20.1	-19.5
2950.0	2700.0	-20.4	-19.6
2937.5	2700.0	-19.9	-19.5
2925.0	2700.0	-18.9	-19.4
2912.5	2700.0	-18.1	-19.8
2900.0	2700.0	-19.8	-20.5
2887.5	2700.0	-22.1	-21.2
2875.0	2700.0	-23.4	-22.2
2862.5	2700.0	-22.6	-23.6
2850.0	2700.0	-23.3	-24.7
2837.5	2700.0	-26.7	-26.0
2825.0	2700.0	-27.5	-27.5
2812.5	2700.0	-30.1	-28.2
2800.0	2700.0	-29.7	-28.0
2787.5	2700.0	-26.8	-28.1
2775.0	2700.0	-25.9	-29.5
2762.5	2700.0	-28.1	-32.1
2750.0	2700.0	-37.0	-35.7
2737.5	2700.0	-42.8	-39.4
2725.0	2700.0	-44.9	-43.4
2712.5	2700.0	-44.3	-45.7
2700.0	2700.0	-48.1	-46.6
2687.5	2700.0	-48.6	-46.0
2675.0	2700.0	-47.0	-45.4
2662.5	2700.0	-42.1	-42.9
2650.0	2700.0	-41.2	-40.6
2637.5	2700.0	-35.8	-38.8
2625.0	2700.0	-36.7	-37.9
2612.5	2700.0	-38.3	-36.4
2600.0	2700.0	-37.7	-36.3
2587.5	2700.0	-33.4	-36.6
2575.0	2700.0	-35.2	-38.0
2562.5	2700.0	-38.2	-39.4
2550.0	2700.0	-45.4	-40.6
2537.5	2700.0	-44.9	-41.1
2525.0	2700.0	-39.5	-40.8
2512.5	2700.0	-37.4	-38.7
2500.0	2700.0	-36.7	-33.7
2487.5	2700.0	-35.1	-24.2
2475.0	2700.0	-20.0	-19.7
2462.5	2700.0	8.4	-17.5
2450.0	2700.0	-14.9	-4.7
2437.5	2700.0	-25.8	-.1
2425.0	2700.0	28.9	-12.8
2412.5	2700.0	3.0	-20.4

2400.0	2700.0	-55.3	-19.7
2387.5	2700.0	-53.0	-27.2
2375.0	2700.0	-22.0	-33.8
2362.5	2700.0	-8.5	-38.4
2350.0	2700.0	-30.2	-47.9
2337.5	2700.0	-78.5	-56.5
2325.0	2700.0	-100.4	-62.6
2312.5	2700.0	-64.7	-48.3
2300.0	2700.0	-39.0	-27.5
2287.5	2700.0	41.3	-3.9
2275.0	2700.0	25.4	13.8
2262.5	2700.0	17.5	29.0
2250.0	2700.0	23.6	26.6
2237.5	2700.0	37.2	25.7
2225.0	2700.0	29.3	25.4
2212.5	2700.0	20.7	25.8
2200.0	2700.0	16.1	22.0

2.12 Line 2800E

3400.0	2800.0	-24.6	-20.7
3387.5	2800.0	-21.6	-19.4
3375.0	2800.0	-15.9	-18.6
3362.5	2800.0	-15.4	-17.8
3350.0	2800.0	-15.5	-17.6
3337.5	2800.0	-20.6	-15.8
3325.0	2800.0	-20.4	-6.3
3312.5	2800.0	-7.2	8.8
3300.0	2800.0	32.2	24.5
3287.5	2800.0	60.1	39.3
3275.0	2800.0	57.6	51.0
3262.5	2800.0	54.0	52.7
3250.0	2800.0	51.0	47.9
3237.5	2800.0	41.0	42.5
3225.0	2800.0	35.7	38.0
3212.5	2800.0	30.6	34.3
3200.0	2800.0	31.9	32.2
3187.5	2800.0	32.2	31.6
3175.0	2800.0	30.6	30.3
3162.5	2800.0	32.6	27.6
3150.0	2800.0	24.0	24.3
3137.5	2800.0	18.8	20.6
3125.0	2800.0	15.7	16.0
3112.5	2800.0	12.1	12.3
3100.0	2800.0	9.5	8.9
3087.5	2800.0	5.5	5.6
3075.0	2800.0	1.6	2.7
3062.5	2800.0	-.5	-.2
3050.0	2800.0	-2.4	-3.1
3037.5	2800.0	-5.2	-5.3
3025.0	2800.0	-9.2	-7.0

3012.5	2800.0	-9.1	-9.6
3000.0	2800.0	-9.2	-12.0
2987.5	2800.0	-15.1	-14.9
2975.0	2800.0	-17.5	-18.4
2962.5	2800.0	-23.6	-22.3
2950.0	2800.0	-26.8	-25.5
2937.5	2800.0	-28.5	-27.4
2925.0	2800.0	-30.9	-27.6
2912.5	2800.0	-27.2	-28.5
2900.0	2800.0	-24.8	-29.3
2887.5	2800.0	-31.3	-29.9
2875.0	2800.0	-32.3	-30.8
2862.5	2800.0	-34.0	-31.0
2850.0	2800.0	-31.7	-28.3
2837.5	2800.0	-25.8	-26.2
2825.0	2800.0	-17.8	-23.6
2812.5	2800.0	-21.8	-22.0
2800.0	2800.0	-20.7	-22.6
2787.5	2800.0	-24.1	-23.3
2775.0	2800.0	-28.8	-22.6
2762.5	2800.0	-21.1	-23.1
2750.0	2800.0	-18.2	-23.5
2737.5	2800.0	-23.2	-23.4
2725.0	2800.0	-26.3	-26.2
2712.5	2800.0	-28.1	-30.7
2700.0	2800.0	-35.2	-35.1
2687.5	2800.0	-40.5	-39.8
2675.0	2800.0	-45.4	-43.8
2662.5	2800.0	-49.8	-46.9
2650.0	2800.0	-48.0	-49.4
2637.5	2800.0	-50.7	-50.1
2625.0	2800.0	-53.0	-52.3
2612.5	2800.0	-49.2	-51.6
2600.0	2800.0	-60.5	-38.3
2587.5	2800.0	-44.6	-21.2
2575.0	2800.0	15.6	-14.8
2562.5	2800.0	32.6	.3
2550.0	2800.0	-17.1	10.5
2537.5	2800.0	15.2	13.3
2525.0	2800.0	6.3	17.1
2512.5	2800.0	29.3	24.9
2500.0	2800.0	51.9	27.8
2487.5	2800.0	21.8	35.8
2475.0	2800.0	29.9	31.8
2462.5	2800.0	46.0	20.1
2450.0	2800.0	9.3	12.0
2437.5	2800.0	-6.4	15.8
2425.0	2800.0	-18.7	14.5
2412.5	2800.0	49.0	18.5
2400.0	2800.0	39.2	25.3
2387.5	2800.0	29.5	34.9
2375.0	2800.0	27.5	32.2
2362.5	2800.0	29.5	23.7

2350.0	2800.0	35.2	12.3
2337.5	2800.0	-3.3	-2.4
2325.0	2800.0	-27.6	-17.7
2312.5	2800.0	-45.7	-30.8
2300.0	2800.0	-47.2	-43.7
2287.5	2800.0	-30.1	-49.8
2275.0	2800.0	-68.0	-51.1
2262.5	2800.0	-58.0	-53.6
2250.0	2800.0	-52.1	-59.2
2237.5	2800.0	-59.6	-60.0
2225.0	2800.0	-58.4	-64.0
2212.5	2800.0	-71.7	-67.0
2200.0	2800.0	-78.4	-69.5

2.13 Line 2900E

2300.0	2900.0	30.9	11.8
2312.5	2900.0	32.4	-2.8
2325.0	2900.0	-27.9	-7.9
2337.5	2900.0	-46.5	-18.3
2350.0	2900.0	-28.2	-39.3
2362.5	2900.0	-21.2	-47.7
2375.0	2900.0	-72.7	-47.4
2387.5	2900.0	-69.9	-42.4
2400.0	2900.0	-45.1	-37.8
2412.5	2900.0	-3.2	-27.8
2425.0	2900.0	1.9	-14.5
2437.5	2900.0	-22.9	-5.9
2450.0	2900.0	-3.1	-3.1
2462.5	2900.0	-2.0	-5.4
2475.0	2900.0	10.6	-5.4
2487.5	2900.0	-9.6	-9.1
2500.0	2900.0	-22.9	-11.9
2512.5	2900.0	-21.7	-15.8
2525.0	2900.0	-15.7	-5.9
2537.5	2900.0	-9.2	-3.4
2550.0	2900.0	39.9	-6.9
2562.5	2900.0	-10.4	-14.5
2575.0	2900.0	-39.2	-18.0
2587.5	2900.0	-53.6	-38.5
2600.0	2900.0	-26.6	-46.3
2612.5	2900.0	-62.5	-44.7
2625.0	2900.0	-49.4	-44.9
2637.5	2900.0	-31.3	-50.7
2650.0	2900.0	-54.7	-49.4
2662.5	2900.0	-55.6	-50.8
2675.0	2900.0	-55.8	-54.7
2687.5	2900.0	-56.7	-52.9
2700.0	2900.0	-50.9	-50.3
2712.5	2900.0	-45.5	-43.1
2725.0	2900.0	-42.6	-37.8

2737.5	2900.0	-19.6	-34.7
2750.0	2900.0	-30.4	-32.7
2762.5	2900.0	-35.6	-31.5
2775.0	2900.0	-35.2	-34.2
2787.5	2900.0	-36.9	-30.9
2800.0	2900.0	-32.7	-29.6
2812.5	2900.0	-14.2	-28.5
2825.0	2900.0	-29.2	-27.1
2837.5	2900.0	-29.4	-27.6
2850.0	2900.0	-29.8	-31.3
2862.5	2900.0	-35.2	-30.5
2875.0	2900.0	-32.7	-29.4
2887.5	2900.0	-25.3	-27.1
2900.0	2900.0	-23.8	-22.8
2912.5	2900.0	-18.5	-18.7
2925.0	2900.0	-13.8	-16.0
2937.5	2900.0	-11.9	-13.5
2950.0	2900.0	-11.8	-11.9
2962.5	2900.0	-11.5	-9.8
2975.0	2900.0	-10.3	-9.3
2987.5	2900.0	-3.7	-10.2
3000.0	2900.0	-9.4	-5.8
3012.5	2900.0	-16.1	30.5
3025.0	2900.0	10.4	133.3
3037.5	2900.0	171.3	95.7
3050.0	2900.0	510.3	75.5
3062.5	2900.0	-197.5	65.6
3075.0	2900.0	-117.1	27.7
3087.5	2900.0	-38.9	-73.2
3100.0	2900.0	-18.4	-1.9
3112.5	2900.0	5.7	17.9
3125.0	2900.0	159.1	21.4
3137.5	2900.0	-18.1	21.5
3150.0	2900.0	-21.1	16.3
3162.5	2900.0	-18.3	-19.8
3175.0	2900.0	-19.9	-20.4
3187.5	2900.0	-21.7	-19.3
3200.0	2900.0	-21.1	-18.8
3212.5	2900.0	-15.7	-16.9
3225.0	2900.0	-15.6	-14.3
3237.5	2900.0	-10.3	-11.5
3250.0	2900.0	-8.7	-8.4
3262.5	2900.0	-7.3	-4.6
3275.0	2900.0	.0	-1.3
3287.5	2900.0	3.5	1.8
3300.0	2900.0	6.2	4.8
3312.5	2900.0	6.7	6.7
3325.0	2900.0	7.8	9.4
3337.5	2900.0	9.5	11.6
3350.0	2900.0	16.6	14.3
3362.5	2900.0	17.4	16.9
3375.0	2900.0	20.0	19.5
3387.5	2900.0	21.2	20.3
3400.0	2900.0	22.4	21.2

2.14 Line 3000E

3400.0	3000.0	176.9	198.1
3387.5	3000.0	188.2	206.9
3375.0	3000.0	229.1	210.8
3362.5	3000.0	233.4	221.4
3350.0	3000.0	226.2	217.6
3337.5	3000.0	230.0	199.4
3325.0	3000.0	169.2	178.6
3312.5	3000.0	138.0	160.8
3300.0	3000.0	129.4	135.1
3287.5	3000.0	137.6	117.3
3275.0	3000.0	101.5	102.6
3262.5	3000.0	80.1	88.9
3250.0	3000.0	64.6	71.3
3237.5	3000.0	60.5	58.5
3225.0	3000.0	50.0	48.7
3212.5	3000.0	37.1	41.6
3200.0	3000.0	31.5	35.1
3187.5	3000.0	28.7	28.5
3175.0	3000.0	28.1	24.8
3162.5	3000.0	16.9	21.3
3150.0	3000.0	19.0	15.3
3137.5	3000.0	14.0	8.9
3125.0	3000.0	-1.5	5.1
3112.5	3000.0	-3.8	.7
3100.0	3000.0	-2.4	-2.1
3087.5	3000.0	-2.7	-3.0
3075.0	3000.0	.1	-4.9
3062.5	3000.0	-6.4	-6.6
3050.0	3000.0	-13.1	-8.3
3037.5	3000.0	-11.1	-10.4
3025.0	3000.0	-11.0	-9.7
3012.5	3000.0	-10.3	-8.5
3000.0	3000.0	-3.1	-9.2
2987.5	3000.0	-7.2	-11.3
2975.0	3000.0	-14.5	-13.3
2962.5	3000.0	-21.5	-16.3
2950.0	3000.0	-20.1	-19.0
2937.5	3000.0	-18.0	-20.4
2925.0	3000.0	-21.1	-20.4
2912.5	3000.0	-21.1	-22.2
2900.0	3000.0	-21.7	-26.7
2887.5	3000.0	-29.2	-29.5
2875.0	3000.0	-40.3	-31.9
2862.5	3000.0	-35.4	-37.5
2850.0	3000.0	-33.1	-40.8
2837.5	3000.0	-49.7	-41.8
2825.0	3000.0	-45.3	-43.8
2812.5	3000.0	-45.6	-45.8
2800.0	3000.0	-45.1	-44.2
2787.5	3000.0	-43.3	-42.9
2775.0	3000.0	-41.7	-41.1

2762.5	3000.0	-38.9	-39.4
2750.0	3000.0	-36.4	-37.0
2737.5	3000.0	-36.9	-33.8
2725.0	3000.0	-31.0	-31.7
2712.5	3000.0	-25.9	-30.3
2700.0	3000.0	-28.3	-21.0
2687.5	3000.0	-29.3	-6.9
2675.0	3000.0	9.7	7.3
2662.5	3000.0	39.3	20.8
2650.0	3000.0	45.1	34.2
2637.5	3000.0	39.1	43.7
2625.0	3000.0	37.6	49.8
2612.5	3000.0	57.6	55.5
2600.0	3000.0	69.8	59.5
2587.5	3000.0	73.5	59.4
2575.0	3000.0	58.9	50.9
2562.5	3000.0	37.0	40.5
2550.0	3000.0	15.5	26.2
2537.5	3000.0	17.5	14.0
2525.0	3000.0	2.3	4.8
2512.5	3000.0	-2.3	-2.6
2500.0	3000.0	-9.2	-2.0
2487.5	3000.0	-21.2	-8.2
2475.0	3000.0	20.3	-17.6
2462.5	3000.0	-28.4	-24.9
2450.0	3000.0	-49.6	-24.7
2437.5	3000.0	-45.6	-26.6
2425.0	3000.0	-20.3	-25.0
2412.5	3000.0	10.7	-20.0
2400.0	3000.0	-20.3	-14.5
2387.5	3000.0	-24.5	-10.8
2375.0	3000.0	-18.2	-10.8
2362.5	3000.0	-1.7	-2.7
2350.0	3000.0	10.8	6.4
2337.5	3000.0	19.9	7.8
2325.0	3000.0	21.0	6.2
2312.5	3000.0	-10.8	5.0
2300.0	3000.0	-10.1	.0

2.15 Line 3100E

2400.0	3100.0	-47.0	-43.6
2412.5	3100.0	-44.3	-41.3
2425.0	3100.0	-39.4	-39.4
2437.5	3100.0	-34.5	-34.5
2450.0	3100.0	-31.9	-28.0
2462.5	3100.0	-22.4	-20.4
2475.0	3100.0	-12.0	-14.9
2487.5	3100.0	-1.0	-11.0
2500.0	3100.0	-7.1	-9.4
2512.5	3100.0	-12.3	-10.2

2525.0	3100.0	-14.5	-13.3
2537.5	3100.0	-16.0	-14.2
2550.0	3100.0	-16.5	-14.5
2562.5	3100.0	-11.5	-14.0
2575.0	3100.0	-13.8	-13.1
2587.5	3100.0	-12.4	-13.0
2600.0	3100.0	-11.2	-15.5
2612.5	3100.0	-16.0	-17.8
2625.0	3100.0	-24.2	-20.0
2637.5	3100.0	-25.2	-21.3
2650.0	3100.0	-23.6	-19.8
2662.5	3100.0	-17.4	-16.5
2675.0	3100.0	-8.8	-14.3
2687.5	3100.0	-7.3	-13.1
2700.0	3100.0	-14.5	-12.5
2712.5	3100.0	-17.3	-11.4
2725.0	3100.0	-14.4	-12.4
2737.5	3100.0	-3.5	-12.7
2750.0	3100.0	-12.5	-11.4
2762.5	3100.0	-16.0	-12.6
2775.0	3100.0	-10.5	-18.2
2787.5	3100.0	-20.6	-17.0
2800.0	3100.0	-31.2	-14.6
2812.5	3100.0	-6.8	-15.8
2825.0	3100.0	-4.0	-13.0
2837.5	3100.0	-16.3	-12.2
2850.0	3100.0	-6.8	-15.7
2862.5	3100.0	-27.2	-24.8
2875.0	3100.0	-24.0	-32.0
2887.5	3100.0	-49.7	-36.0
2900.0	3100.0	-52.3	-32.7
2912.5	3100.0	-26.9	-30.6
2925.0	3100.0	-10.4	-19.6
2937.5	3100.0	-13.9	-7.2
2950.0	3100.0	5.7	3.4
2962.5	3100.0	9.6	14.2
2975.0	3100.0	26.0	26.6
2987.5	3100.0	43.5	33.4
3000.0	3100.0	48.0	40.2
3012.5	3100.0	39.7	45.5
3025.0	3100.0	43.8	50.1
3037.5	3100.0	52.5	60.4
3050.0	3100.0	66.7	78.3
3062.5	3100.0	99.4	103.5
3075.0	3100.0	129.2	133.7
3087.5	3100.0	169.9	178.1
3100.0	3100.0	203.3	206.0
3112.5	3100.0	288.8	218.3
3125.0	3100.0	238.6	226.0
3137.5	3100.0	190.7	235.2
3150.0	3100.0	208.5	215.7
3162.5	3100.0	249.4	175.5
3175.0	3100.0	191.4	133.2

3187.5	3100.0	37.3	84.2
3200.0	3100.0	-20.4	33.2
3212.5	3100.0	-36.8	-6.6
3225.0	3100.0	-5.5	-19.8
3237.5	3100.0	-7.7	-21.3
3250.0	3100.0	-28.8	-18.3
3262.5	3100.0	-27.8	-21.1
3275.0	3100.0	-21.5	-24.3
3287.5	3100.0	-19.5	-25.5
3300.0	3100.0	-23.9	-29.5
3312.5	3100.0	-34.8	-35.2
3325.0	3100.0	-48.0	-41.1
3337.5	3100.0	-49.7	-45.8
3350.0	3100.0	-48.9	-45.0
3362.5	3100.0	-47.5	-39.1
3375.0	3100.0	-31.0	-25.0
3387.5	3100.0	-18.4	-19.0
3400.0	3100.0	21.0	-9.5

2.16 Line 3200E

3400.0	3200.0	50.2	57.9
3387.5	3200.0	75.9	60.6
3375.0	3200.0	47.6	80.9
3362.5	3200.0	68.7	97.8
3350.0	3200.0	161.9	90.7
3337.5	3200.0	135.1	92.3
3325.0	3200.0	40.0	86.5
3312.5	3200.0	55.7	54.6
3300.0	3200.0	39.6	24.2
3287.5	3200.0	2.7	11.9
3275.0	3200.0	-16.8	-3.3
3262.5	3200.0	-21.7	-15.5
3250.0	3200.0	-20.1	-20.3
3237.5	3200.0	-21.4	-23.4
3225.0	3200.0	-21.3	-25.4
3212.5	3200.0	-32.3	-28.1
3200.0	3200.0	-32.0	-28.7
3187.5	3200.0	-33.4	-30.6
3175.0	3200.0	-24.7	-30.0
3162.5	3200.0	-30.7	-29.4
3150.0	3200.0	-29.2	-29.1
3137.5	3200.0	-29.0	-32.3
3125.0	3200.0	-31.7	-33.9
3112.5	3200.0	-41.1	-33.8
3100.0	3200.0	-38.5	-34.2
3087.5	3200.0	-28.8	-33.5
3075.0	3200.0	-30.9	-29.7
3062.5	3200.0	-28.2	-19.8
3050.0	3200.0	-22.2	-7.4
3037.5	3200.0	11.2	16.1

3025.0	3200.0	33.1	56.9
3012.5	3200.0	86.5	126.0
3000.0	3200.0	175.7	216.2
2987.5	3200.0	323.6	309.1
2975.0	3200.0	462.0	376.7
2962.5	3200.0	497.8	392.9
2950.0	3200.0	424.2	357.7
2937.5	3200.0	256.8	291.8
2925.0	3200.0	147.6	229.9
2912.5	3200.0	132.6	176.8
2900.0	3200.0	188.3	155.6
2887.5	3200.0	158.6	155.2
2875.0	3200.0	150.9	153.1
2862.5	3200.0	145.7	134.3
2850.0	3200.0	122.1	120.0
2837.5	3200.0	94.4	101.2
2825.0	3200.0	87.0	81.5
2812.5	3200.0	56.7	65.2
2800.0	3200.0	47.4	52.2
2787.5	3200.0	40.5	38.3
2775.0	3200.0	29.6	30.0
2762.5	3200.0	17.2	23.5
2750.0	3200.0	15.5	17.0
2737.5	3200.0	14.8	11.6
2725.0	3200.0	7.8	8.0
2712.5	3200.0	2.5	3.5
2700.0	3200.0	-.5	-2.2
2687.5	3200.0	-7.0	-7.5
2675.0	3200.0	-13.8	-12.5
2662.5	3200.0	-18.7	-17.3
2650.0	3200.0	-22.5	-20.8
2637.5	3200.0	-24.6	-22.8
2625.0	3200.0	-24.4	-23.9
2612.5	3200.0	-23.7	-24.9
2600.0	3200.0	-24.5	-24.8
2587.5	3200.0	-27.2	-24.1
2575.0	3200.0	-24.3	-22.1
2562.5	3200.0	-20.9	-19.4
2550.0	3200.0	-13.7	-17.1
2537.5	3200.0	-10.7	-17.4
2525.0	3200.0	-15.7	-19.9
2512.5	3200.0	-26.2	-24.5
2500.0	3200.0	-33.0	-30.6
2487.5	3200.0	-37.0	-35.8
2475.0	3200.0	-41.1	-38.4
2462.5	3200.0	-41.5	-39.7
2450.0	3200.0	-39.6	-40.5
2437.5	3200.0	-39.4	-40.4
2425.0	3200.0	-40.7	-40.8
2412.5	3200.0	-41.0	-41.1
2400.0	3200.0	-43.3	-41.7

2.17 Line 3300E

2400.0	3300.0	-1.7	6.9
2412.5	3300.0	6.8	10.8
2425.0	3300.0	15.7	14.4
2437.5	3300.0	22.4	13.2
2450.0	3300.0	28.7	7.1
2462.5	3300.0	-7.5	-1.1
2475.0	3300.0	-23.8	-11.0
2487.5	3300.0	-25.5	-22.5
2500.0	3300.0	-26.9	-26.2
2512.5	3300.0	-29.0	-25.9
2525.0	3300.0	-25.6	-24.9
2537.5	3300.0	-22.5	-23.0
2550.0	3300.0	-20.3	-21.1
2562.5	3300.0	-17.7	-19.5
2575.0	3300.0	-19.6	-18.2
2587.5	3300.0	-17.4	-16.9
2600.0	3300.0	-16.1	-15.7
2612.5	3300.0	-13.8	-13.9
2625.0	3300.0	-11.6	-11.7
2637.5	3300.0	-10.5	-8.2
2650.0	3300.0	-6.3	-3.7
2662.5	3300.0	1.3	2.0
2675.0	3300.0	8.5	9.6
2687.5	3300.0	16.9	18.7
2700.0	3300.0	27.7	29.9
2712.5	3300.0	39.2	43.8
2725.0	3300.0	57.4	59.0
2737.5	3300.0	77.6	73.0
2750.0	3300.0	93.2	85.5
2762.5	3300.0	97.7	92.2
2775.0	3300.0	101.7	90.0
2787.5	3300.0	90.8	80.9
2800.0	3300.0	66.4	67.9
2812.5	3300.0	47.9	54.3
2825.0	3300.0	32.5	43.4
2837.5	3300.0	33.9	40.3
2850.0	3300.0	36.5	40.6
2862.5	3300.0	50.6	39.4
2875.0	3300.0	49.5	33.3
2887.5	3300.0	26.3	23.9
2900.0	3300.0	3.4	10.6
2912.5	3300.0	-10.3	-3.9
2925.0	3300.0	-16.0	-15.7
2937.5	3300.0	-22.8	-23.9
2950.0	3300.0	-32.7	-29.5
2962.5	3300.0	-37.9	-34.8
2975.0	3300.0	-38.0	-41.0
2987.5	3300.0	-42.6	-45.9
3000.0	3300.0	-53.9	-51.3
3012.5	3300.0	-57.2	-55.8
3025.0	3300.0	-64.9	-54.8

3037.5	3300.0	-60.2	-49.0
3050.0	3300.0	-37.7	-35.6
3062.5	3300.0	-24.9	-26.4
3075.0	3300.0	9.6	-10.6
3087.5	3300.0	-18.9	3.6
3100.0	3300.0	18.9	14.1
3112.5	3300.0	33.4	7.6
3125.0	3300.0	27.7	2.5
3137.5	3300.0	-22.9	-8.2
3150.0	3300.0	-44.6	-19.1
3162.5	3300.0	-34.7	-27.5
3175.0	3300.0	-20.8	-21.8
3187.5	3300.0	-14.5	-8.4
3200.0	3300.0	5.5	19.6
3212.5	3300.0	22.5	89.2
3225.0	3300.0	105.4	186.9
3237.5	3300.0	327.3	224.8
3250.0	3300.0	474.0	204.7
3262.5	3300.0	194.7	163.5
3275.0	3300.0	-77.9	80.6
3287.5	3300.0	-100.5	-29.7
3300.0	3300.0	-87.3	-80.1
3312.5	3300.0	-77.7	-75.7
3325.0	3300.0	-57.0	-64.6
3337.5	3300.0	-56.1	-55.5
3350.0	3300.0	-45.0	-49.4
3362.5	3300.0	-41.9	-45.6
3375.0	3300.0	-46.9	-41.7
3387.5	3300.0	-38.1	-40.8
3400.0	3300.0	-36.4	-40.5

2.18 Line 3400E

3400.0	3400.0	-44.7	-44.5
3387.5	3400.0	-45.9	-43.6
3375.0	3400.0	-43.0	-43.5
3362.5	3400.0	-40.9	-43.4
3350.0	3400.0	-42.9	-45.5
3337.5	3400.0	-44.1	-47.4
3325.0	3400.0	-56.5	-51.2
3312.5	3400.0	-52.7	-55.6
3300.0	3400.0	-59.7	-61.2
3287.5	3400.0	-64.8	-59.7
3275.0	3400.0	-72.3	-67.8
3262.5	3400.0	-49.1	-69.9
3250.0	3400.0	-93.0	-71.2
3237.5	3400.0	-70.2	-69.6
3225.0	3400.0	-71.2	-72.2
3212.5	3400.0	-64.5	-66.9
3200.0	3400.0	-61.9	-64.8
3187.5	3400.0	-66.9	-63.9

3175.0	3400.0	-59.6	-64.8
3162.5	3400.0	-66.8	-66.3
3150.0	3400.0	-68.8	-64.7
3137.5	3400.0	-69.5	-57.3
3125.0	3400.0	-58.9	-35.6
3112.5	3400.0	-22.7	-.2
3100.0	3400.0	41.8	41.3
3087.5	3400.0	108.4	76.0
3075.0	3400.0	138.1	95.4
3062.5	3400.0	114.2	100.5
3050.0	3400.0	74.4	88.1
3037.5	3400.0	67.2	75.9
3025.0	3400.0	46.8	57.4
3012.5	3400.0	76.8	41.6
3000.0	3400.0	22.0	28.8
2987.5	3400.0	-4.6	27.8
2975.0	3400.0	3.2	16.6
2962.5	3400.0	41.6	9.4
2950.0	3400.0	20.6	6.4
2937.5	3400.0	-14.0	2.8
2925.0	3400.0	-19.3	-5.7
2912.5	3400.0	-14.9	-6.0
2900.0	3400.0	-.9	.9
2887.5	3400.0	19.0	7.7
2875.0	3400.0	20.4	12.0
2862.5	3400.0	14.9	12.0
2850.0	3400.0	6.6	7.0
2837.5	3400.0	-.8	2.5
2825.0	3400.0	-6.0	.5
2812.5	3400.0	-2.0	2.7
2800.0	3400.0	4.5	10.2
2787.5	3400.0	17.8	20.1
2775.0	3400.0	36.8	25.0
2762.5	3400.0	43.5	29.6
2750.0	3400.0	22.2	31.7
2737.5	3400.0	27.6	25.3
2725.0	3400.0	28.5	16.4
2712.5	3400.0	4.6	10.0
2700.0	3400.0	-1.0	1.7
2687.5	3400.0	-9.5	-6.8
2675.0	3400.0	-14.2	-10.5
2662.5	3400.0	-13.9	-13.2
2650.0	3400.0	-14.0	-14.3
2637.5	3400.0	-14.5	-14.0
2625.0	3400.0	-15.1	-13.0
2612.5	3400.0	-12.7	-12.1
2600.0	3400.0	-8.5	-11.2
2587.5	3400.0	-9.8	-10.6
2575.0	3400.0	-9.9	-9.9
2562.5	3400.0	-12.0	-10.1
2550.0	3400.0	-9.1	-10.3
2537.5	3400.0	-9.8	-10.9
2525.0	3400.0	-10.7	-11.2

2512.5	3400.0	-12.7	-12.2
2500.0	3400.0	-13.8	-13.2
2487.5	3400.0	-14.2	-15.0
2475.0	3400.0	-14.5	-16.4
2462.5	3400.0	-19.7	-17.0
2450.0	3400.0	-19.9	-17.6
2437.5	3400.0	-16.5	-18.2
2425.0	3400.0	-17.4	-17.9
2412.5	3400.0	-17.4	-17.4
2400.0	3400.0	-18.2	-17.7

2.19 Line 3500E

2500.0	3500.0	-5.3	-1.9
2512.5	3500.0	-2.2	.1
2525.0	3500.0	1.7	1.5
2537.5	3500.0	6.4	3.9
2550.0	3500.0	6.9	6.1
2562.5	3500.0	6.8	8.0
2575.0	3500.0	8.8	8.9
2587.5	3500.0	10.9	9.4
2600.0	3500.0	11.1	10.6
2612.5	3500.0	9.6	11.8
2625.0	3500.0	12.4	14.7
2637.5	3500.0	15.0	20.3
2650.0	3500.0	25.4	27.9
2662.5	3500.0	38.9	36.2
2675.0	3500.0	47.7	43.6
2687.5	3500.0	54.2	49.9
2700.0	3500.0	51.7	53.9
2712.5	3500.0	56.9	63.8
2725.0	3500.0	58.9	89.5
2737.5	3500.0	97.2	119.4
2750.0	3500.0	182.8	114.8
2762.5	3500.0	201.2	102.3
2775.0	3500.0	33.7	80.1
2787.5	3500.0	-3.3	39.2
2800.0	3500.0	-13.7	-6.0
2812.5	3500.0	-22.0	-17.8
2825.0	3500.0	-24.9	-21.9
2837.5	3500.0	-24.9	-23.3
2850.0	3500.0	-24.0	-23.1
2862.5	3500.0	-20.8	-22.8
2875.0	3500.0	-20.8	-19.5
2887.5	3500.0	-23.6	-17.3
2900.0	3500.0	-8.4	-18.3
2912.5	3500.0	-12.8	-17.7
2925.0	3500.0	-25.7	-16.2
2937.5	3500.0	-18.1	-16.9
2950.0	3500.0	-16.2	-15.7
2962.5	3500.0	-11.8	-9.1

2975.0	3500.0	-6.8	-6.2
2987.5	3500.0	7.4	-3.7
3000.0	3500.0	-3.7	-2.7
3012.5	3500.0	-3.8	.4
3025.0	3500.0	-6.5	21.8
3037.5	3500.0	8.8	36.0
3050.0	3500.0	114.1	29.5
3062.5	3500.0	67.5	22.2
3075.0	3500.0	-36.3	14.8
3087.5	3500.0	-43.0	-12.1
3100.0	3500.0	-28.3	-29.5
3112.5	3500.0	-20.5	-28.8
3125.0	3500.0	-19.6	-29.5
3137.5	3500.0	-32.6	-34.2
3150.0	3500.0	-46.5	-32.9
3162.5	3500.0	-51.7	-42.3
3175.0	3500.0	-14.2	-45.8
3187.5	3500.0	-66.7	-49.6
3200.0	3500.0	-50.0	-53.6
3212.5	3500.0	-65.6	-63.6
3225.0	3500.0	-71.3	-60.6
3237.5	3500.0	-64.5	-61.8
3250.0	3500.0	-51.8	-59.5
3262.5	3500.0	-56.0	-51.4
3275.0	3500.0	-53.8	-45.6
3287.5	3500.0	-31.1	-44.7
3300.0	3500.0	-35.2	-43.7
3312.5	3500.0	-47.4	-49.5
3325.0	3500.0	-50.8	-52.4
3337.5	3500.0	-83.2	-41.4
3350.0	3500.0	-45.2	-37.4
3362.5	3500.0	19.4	-28.3
3375.0	3500.0	-27.1	-1.9
3387.5	3500.0	-5.2	9.0
3400.0	3500.0	48.8	5.5

2.20 Line 3600E

3400.0	3600.0	-9.5	-18.6
3387.5	3600.0	-19.1	-19.9
3375.0	3600.0	-27.1	-13.4
3362.5	3600.0	-23.9	-4.6
3350.0	3600.0	12.7	-6.1
3337.5	3600.0	34.2	-2.7
3325.0	3600.0	-26.3	-4.2
3312.5	3600.0	-10.3	-11.6
3300.0	3600.0	-31.5	-25.0
3287.5	3600.0	-24.3	-17.5
3275.0	3600.0	-32.7	27.4
3262.5	3600.0	11.1	46.5
3250.0	3600.0	214.5	57.2

3237.5	3600.0	63.9	68.8
3225.0	3600.0	29.0	90.1
3212.5	3600.0	25.3	76.6
3200.0	3600.0	117.9	77.4
3187.5	3600.0	146.7	74.3
3175.0	3600.0	68.3	64.5
3162.5	3600.0	13.3	38.3
3150.0	3600.0	-23.7	6.8
3137.5	3600.0	-13.2	-8.7
3125.0	3600.0	-10.9	-5.9
3112.5	3600.0	-8.8	19.4
3100.0	3600.0	27.2	32.7
3087.5	3600.0	102.9	37.8
3075.0	3600.0	53.0	41.6
3062.5	3600.0	14.6	37.0
3050.0	3600.0	10.2	17.9
3037.5	3600.0	4.2	8.6
3025.0	3600.0	7.6	5.7
3012.5	3600.0	6.6	.8
3000.0	3600.0	-.1	-2.9
2987.5	3600.0	-14.1	-5.3
2975.0	3600.0	-14.4	-8.6
2962.5	3600.0	-4.7	-11.7
2950.0	3600.0	-9.8	-10.6
2937.5	3600.0	-15.5	-9.0
2925.0	3600.0	-8.6	-9.9
2912.5	3600.0	-6.3	-10.7
2900.0	3600.0	-9.4	-11.0
2887.5	3600.0	-13.7	-12.0
2875.0	3600.0	-17.2	-14.0
2862.5	3600.0	-13.4	-15.5
2850.0	3600.0	-16.2	-15.9
2837.5	3600.0	-17.0	-15.4
2825.0	3600.0	-15.9	-14.9
2812.5	3600.0	-14.4	-13.1
2800.0	3600.0	-11.0	-9.7
2787.5	3600.0	-7.2	-5.0
2775.0	3600.0	.1	.7
2762.5	3600.0	7.3	8.8
2750.0	3600.0	14.3	18.2
2737.5	3600.0	29.3	25.1
2725.0	3600.0	39.9	34.6
2712.5	3600.0	34.8	43.8
2700.0	3600.0	54.9	48.8
2687.5	3600.0	60.0	48.8
2675.0	3600.0	54.2	48.4
2662.5	3600.0	40.1	43.4
2650.0	3600.0	32.9	36.6
2637.5	3600.0	29.6	29.7
2625.0	3600.0	26.0	24.5
2612.5	3600.0	20.0	22.4
2600.0	3600.0	14.0	20.0

2.21 Line 3700E

2800.0	3700.0	-5.4	-5.2
2812.5	3700.0	-5.1	-5.2
2825.0	3700.0	-5.2	-4.8
2837.5	3700.0	-5.2	-4.2
2850.0	3700.0	-3.1	-3.2
2862.5	3700.0	-2.2	-1.9
2875.0	3700.0	-.2	-.6
2887.5	3700.0	1.0	1.1
2900.0	3700.0	1.6	3.3
2912.5	3700.0	5.3	6.2
2925.0	3700.0	9.0	9.0
2937.5	3700.0	14.1	13.4
2950.0	3700.0	15.1	19.5
2962.5	3700.0	23.7	26.3
2975.0	3700.0	35.5	34.9
2987.5	3700.0	43.3	46.1
3000.0	3700.0	57.1	59.5
3012.5	3700.0	70.8	85.5
3025.0	3700.0	90.8	111.3
3037.5	3700.0	165.5	98.4
3050.0	3700.0	172.4	82.8
3062.5	3700.0	-7.7	64.0
3075.0	3700.0	-7.1	31.7
3087.5	3700.0	-2.9	-1.6
3100.0	3700.0	4.0	1.5
3112.5	3700.0	5.6	3.9
3125.0	3700.0	8.1	6.0
3137.5	3700.0	4.5	8.7
3150.0	3700.0	8.0	10.8
3162.5	3700.0	17.3	18.5
3175.0	3700.0	16.3	39.5
3187.5	3700.0	46.4	41.5
3200.0	3700.0	109.7	39.1
3212.5	3700.0	17.6	36.6
3225.0	3700.0	5.7	31.8
3237.5	3700.0	3.7	21.4
3250.0	3700.0	22.1	46.1
3262.5	3700.0	57.9	83.5
3275.0	3700.0	141.1	93.5
3287.5	3700.0	192.9	86.0
3300.0	3700.0	53.6	67.6
3312.5	3700.0	-15.6	34.5
3325.0	3700.0	-34.0	-9.6
3337.5	3700.0	-24.3	-23.2
3350.0	3700.0	-27.6	-24.5
3362.5	3700.0	-14.4	-20.6
3375.0	3700.0	-22.2	-16.8
3387.5	3700.0	-14.3	-14.1
3400.0	3700.0	-5.4	-14.0

2.22 Line 3800E

3400.0	3800.0	5.1	68.9
3387.5	3800.0	19.6	74.7
3375.0	3800.0	181.9	71.3
3362.5	3800.0	92.3	80.8
3350.0	3800.0	57.7	92.9
3337.5	3800.0	52.6	69.0
3325.0	3800.0	79.9	62.3
3312.5	3800.0	62.4	89.0
3300.0	3800.0	59.1	101.3
3287.5	3800.0	190.9	95.7
3275.0	3800.0	114.3	97.2
3262.5	3800.0	51.7	92.9
3250.0	3800.0	70.2	64.3
3237.5	3800.0	37.5	49.6
3225.0	3800.0	48.0	45.2
3212.5	3800.0	40.4	36.5
3200.0	3800.0	29.9	30.7
3187.5	3800.0	26.5	23.4
3175.0	3800.0	8.9	16.0
3162.5	3800.0	11.1	11.4
3150.0	3800.0	3.8	7.9
3137.5	3800.0	6.9	7.4
3125.0	3800.0	8.6	5.9
3112.5	3800.0	6.5	5.3
3100.0	3800.0	3.6	4.2
3087.5	3800.0	1.1	4.1
3075.0	3800.0	1.1	4.7
3062.5	3800.0	8.0	5.3
3050.0	3800.0	9.7	6.0
3037.5	3800.0	6.5	6.7
3025.0	3800.0	4.8	6.4
3012.5	3800.0	4.3	6.4
3000.0	3800.0	6.7	7.0
2987.5	3800.0	9.7	7.4
2975.0	3800.0	9.3	7.0
2962.5	3800.0	7.0	5.9
2950.0	3800.0	2.2	4.3
2937.5	3800.0	1.2	2.6
2925.0	3800.0	1.7	1.5
2912.5	3800.0	.8	1.2
2900.0	3800.0	1.8	1.3
2887.5	3800.0	.6	1.7
2875.0	3800.0	1.7	2.4
2862.5	3800.0	3.4	2.6
2850.0	3800.0	4.6	2.9
2837.5	3800.0	2.9	3.0
2825.0	3800.0	2.0	2.6
2812.5	3800.0	2.0	2.1
2800.0	3800.0	1.5	1.8

2.23 Line 3900E

2800.0	3900.0	5.8	6.2
2812.5	3900.0	6.7	6.4
2825.0	3900.0	6.2	6.7
2837.5	3900.0	6.9	7.0
2850.0	3900.0	7.7	7.3
2862.5	3900.0	7.6	7.8
2875.0	3900.0	8.3	7.9
2887.5	3900.0	8.3	8.3
2900.0	3900.0	7.8	8.6
2912.5	3900.0	9.3	9.2
2925.0	3900.0	9.2	10.0
2937.5	3900.0	11.5	10.7
2950.0	3900.0	12.3	11.4
2962.5	3900.0	11.4	12.1
2975.0	3900.0	12.6	12.8
2987.5	3900.0	12.7	13.1
3000.0	3900.0	14.9	13.2
3012.5	3900.0	14.1	13.3
3025.0	3900.0	11.9	13.4
3037.5	3900.0	13.1	13.3
3050.0	3900.0	13.2	13.0
3062.5	3900.0	14.0	13.4
3075.0	3900.0	13.0	13.2
3087.5	3900.0	13.9	13.4
3100.0	3900.0	11.7	12.4
3112.5	3900.0	14.3	11.7
3125.0	3900.0	9.0	12.4
3137.5	3900.0	9.5	12.7
3150.0	3900.0	17.3	13.4
3162.5	3900.0	13.6	14.1
3175.0	3900.0	17.7	17.8
3187.5	3900.0	12.6	30.3
3200.0	3900.0	27.7	35.8
3212.5	3900.0	79.7	39.3
3225.0	3900.0	41.4	41.0
3237.5	3900.0	34.9	43.8
3250.0	3900.0	21.3	57.3
3262.5	3900.0	41.6	59.2
3275.0	3900.0	147.5	69.4
3287.5	3900.0	50.6	79.5
3300.0	3900.0	85.8	77.5
3312.5	3900.0	71.8	58.4
3325.0	3900.0	31.7	59.8
3337.5	3900.0	51.9	53.2
3350.0	3900.0	58.0	52.2
3362.5	3900.0	52.8	60.8
3375.0	3900.0	66.5	63.9
3387.5	3900.0	75.0	65.3
3400.0	3900.0	67.0	69.5

2.24 Line 4000E

3400.0	4000.0	-20.1	11.9
3387.5	4000.0	-29.9	22.8
3375.0	4000.0	85.7	24.5
3362.5	4000.0	55.6	38.3
3350.0	4000.0	31.1	54.9
3337.5	4000.0	49.0	49.7
3325.0	4000.0	52.9	53.3
3312.5	4000.0	60.0	66.7
3300.0	4000.0	73.6	70.0
3287.5	4000.0	97.9	69.5
3275.0	4000.0	65.8	63.0
3262.5	4000.0	50.1	55.4
3250.0	4000.0	27.4	40.0
3237.5	4000.0	36.0	35.3
3225.0	4000.0	20.5	30.2
3212.5	4000.0	42.6	29.3
3200.0	4000.0	24.4	26.4
3187.5	4000.0	23.0	26.1
3175.0	4000.0	21.7	20.4
3162.5	4000.0	18.9	19.6
3150.0	4000.0	14.1	18.6
3137.5	4000.0	20.4	17.1
3125.0	4000.0	17.8	16.1
3112.5	4000.0	14.5	16.4
3100.0	4000.0	13.9	15.6
3087.5	4000.0	15.2	15.8
3075.0	4000.0	16.8	16.8
3062.5	4000.0	18.4	18.0
3050.0	4000.0	19.9	19.0
3037.5	4000.0	19.5	19.6
3025.0	4000.0	20.3	19.9
3012.5	4000.0	19.7	19.9
3000.0	4000.0	20.1	19.8
2987.5	4000.0	19.8	19.3
2975.0	4000.0	19.2	18.5
2962.5	4000.0	17.8	17.3
2950.0	4000.0	15.7	15.8
2937.5	4000.0	13.9	14.1
2925.0	4000.0	12.5	12.3
2912.5	4000.0	10.5	10.7
2900.0	4000.0	9.0	9.6
2887.5	4000.0	7.8	8.6
2875.0	4000.0	8.3	7.7
2862.5	4000.0	7.4	6.8
2850.0	4000.0	5.8	6.8
2837.5	4000.0	4.5	6.3
2825.0	4000.0	8.1	6.3
2812.5	4000.0	5.7	6.5
2800.0	4000.0	7.6	7.1

2.25 Line 4100E

2700.0	4100.0	9.9	10.9
2712.5	4100.0	11.1	11.3
2725.0	4100.0	11.7	11.6
2737.5	4100.0	12.3	11.8
2750.0	4100.0	12.9	12.1
2762.5	4100.0	11.1	12.4
2775.0	4100.0	12.4	12.6
2787.5	4100.0	13.2	12.8
2800.0	4100.0	13.4	13.7
2812.5	4100.0	14.1	14.5
2825.0	4100.0	15.4	15.3
2837.5	4100.0	16.4	16.5
2850.0	4100.0	17.3	17.8
2862.5	4100.0	19.1	19.1
2875.0	4100.0	20.9	20.5
2887.5	4100.0	22.0	21.7
2900.0	4100.0	23.2	22.6
2912.5	4100.0	23.1	23.0
2925.0	4100.0	23.8	23.4
2937.5	4100.0	23.1	23.8
2950.0	4100.0	23.8	24.4
2962.5	4100.0	25.3	25.3
2975.0	4100.0	26.2	26.4
2987.5	4100.0	28.0	27.7
3000.0	4100.0	28.5	28.9
3012.5	4100.0	30.4	29.9
3025.0	4100.0	31.6	30.8
3037.5	4100.0	31.2	31.6
3050.0	4100.0	32.4	31.9
3062.5	4100.0	32.5	32.1
3075.0	4100.0	32.0	31.7
3087.5	4100.0	32.3	31.2
3100.0	4100.0	29.4	30.7
3112.5	4100.0	29.6	31.7
3125.0	4100.0	30.1	33.3
3137.5	4100.0	37.1	35.7
3150.0	4100.0	40.3	38.1
3162.5	4100.0	41.2	40.6
3175.0	4100.0	41.8	42.9
3187.5	4100.0	42.8	58.2
3200.0	4100.0	48.3	100.2
3212.5	4100.0	117.1	126.0
3225.0	4100.0	251.1	163.8
3237.5	4100.0	170.7	163.8
3250.0	4100.0	231.7	143.8
3262.5	4100.0	48.3	106.7
3275.0	4100.0	17.2	86.0
3287.5	4100.0	65.6	46.5
3300.0	4100.0	67.1	43.1
3312.5	4100.0	34.1	42.4
3325.0	4100.0	31.6	38.4

3337.5	4100.0	13.5	18.6
3350.0	4100.0	45.8	14.2
3362.5	4100.0	-32.1	4.0
3375.0	4100.0	12.0	.2
3387.5	4100.0	-19.0	-11.3
3400.0	4100.0	-5.9	-4.3

2.26 Line 4200E

3400.0	4200.0	5.4	-5.9
3387.5	4200.0	-16.7	-1.7
3375.0	4200.0	-6.5	4.0
3362.5	4200.0	11.1	-.8
3350.0	4200.0	26.6	-2.6
3337.5	4200.0	-18.4	-4.2
3325.0	4200.0	-26.0	-8.9
3312.5	4200.0	-14.4	-16.1
3300.0	4200.0	-12.4	-13.9
3287.5	4200.0	-9.2	-13.9
3275.0	4200.0	-7.4	6.3
3262.5	4200.0	-26.2	9.2
3250.0	4200.0	86.6	11.6
3237.5	4200.0	2.0	11.1
3225.0	4200.0	3.1	16.4
3212.5	4200.0	-10.0	2.2
3200.0	4200.0	.5	1.8
3187.5	4200.0	15.2	4.2
3175.0	4200.0	.4	16.8
3162.5	4200.0	14.9	33.5
3150.0	4200.0	52.9	52.1
3137.5	4200.0	84.1	68.5
3125.0	4200.0	108.4	81.0
3112.5	4200.0	82.4	86.3
3100.0	4200.0	77.4	83.4
3087.5	4200.0	79.4	77.8
3075.0	4200.0	69.4	74.9
3062.5	4200.0	80.5	75.5
3050.0	4200.0	67.9	71.6
3037.5	4200.0	80.4	68.5
3025.0	4200.0	59.6	63.2
3012.5	4200.0	54.3	60.8
3000.0	4200.0	53.7	55.2
2987.5	4200.0	56.0	52.1
2975.0	4200.0	52.6	49.6
2962.5	4200.0	43.9	47.6
2950.0	4200.0	42.0	43.3
2937.5	4200.0	43.5	38.3
2925.0	4200.0	34.3	35.9
2912.5	4200.0	27.7	33.6
2900.0	4200.0	31.9	29.9
2887.5	4200.0	30.6	27.8

2875.0	4200.0	24.9	26.5
2862.5	4200.0	24.0	24.8
2850.0	4200.0	21.0	22.6
2837.5	4200.0	23.3	21.4
2825.0	4200.0	19.7	19.4
2812.5	4200.0	19.0	17.2
2800.0	4200.0	14.2	13.9
2787.5	4200.0	9.8	10.4
2775.0	4200.0	6.6	6.3
2762.5	4200.0	2.3	3.8
2750.0	4200.0	-1.3	2.3
2737.5	4200.0	1.5	3.0
2725.0	4200.0	2.3	4.7
2712.5	4200.0	10.1	6.5
2700.0	4200.0	11.1	5.9
2687.5	4200.0	7.4	4.3
2675.0	4200.0	-1.2	4.2
2662.5	4200.0	-6.1	63.8
2650.0	4200.0	10.0	97.0
2637.5	4200.0	308.8	115.3
2625.0	4200.0	173.7	128.9
2612.5	4200.0	90.3	158.6
2600.0	4200.0	61.5	108.5

2.27 Line 4300E

3100.0	4300.0	1.4	1.8
3112.5	4300.0	3.3	-1.2
3125.0	4300.0	.8	-4.5
3137.5	4300.0	-10.4	-3.6
3150.0	4300.0	-17.8	-6.0
3162.5	4300.0	6.3	-7.2
3175.0	4300.0	-8.9	-3.3
3187.5	4300.0	-5.1	-1.4
3200.0	4300.0	9.2	-5.6
3212.5	4300.0	-8.5	3.7
3225.0	4300.0	-14.5	-.4
3237.5	4300.0	37.2	-9.5
3250.0	4300.0	-25.3	-13.8
3262.5	4300.0	-36.5	-9.4
3275.0	4300.0	-29.8	-20.5
3287.5	4300.0	7.2	2.0
3300.0	4300.0	-17.9	27.4
3312.5	4300.0	87.1	40.6
3325.0	4300.0	90.3	38.8
3337.5	4300.0	36.4	41.3
3350.0	4300.0	-2.1	28.2
3362.5	4300.0	-5.0	13.4
3375.0	4300.0	21.3	7.7
3387.5	4300.0	16.3	10.1
3400.0	4300.0	8.0	15.2

2.28 Line 4400E

3400.0	4400.0	37.9	25.6
3387.5	4400.0	14.1	24.3
3375.0	4400.0	24.9	18.8
3362.5	4400.0	20.3	9.5
3350.0	4400.0	-3.2	5.0
3337.5	4400.0	-8.7	-3.0
3325.0	4400.0	-8.1	-10.3
3312.5	4400.0	-15.5	-6.5
3300.0	4400.0	-16.1	-1.8
3287.5	4400.0	16.0	-.5
3275.0	4400.0	14.9	1.8
3262.5	4400.0	-1.7	8.5
3250.0	4400.0	-4.3	.5
3237.5	4400.0	17.4	-2.6
3225.0	4400.0	-23.6	-6.9
3212.5	4400.0	-1.0	-4.8
3200.0	4400.0	-22.9	-5.0
3187.5	4400.0	6.3	-.5
3175.0	4400.0	16.1	-5.3
3162.5	4400.0	-1.0	3.1
3150.0	4400.0	-25.2	2.8
3137.5	4400.0	19.3	7.3
3125.0	4400.0	4.9	9.1
3112.5	4400.0	38.4	17.7
3100.0	4400.0	8.3	17.2

2.29 Line 4500E

3100.0	4500.0	-2.0	3.4
3112.5	4500.0	5.8	6.1
3125.0	4500.0	6.4	5.1
3137.5	4500.0	14.3	11.0
3150.0	4500.0	1.2	13.1
3162.5	4500.0	27.4	17.2
3175.0	4500.0	16.2	17.9
3187.5	4500.0	26.9	19.8
3200.0	4500.0	17.9	17.6
3212.5	4500.0	10.7	15.6
3225.0	4500.0	16.2	15.8
3237.5	4500.0	6.2	14.3
3250.0	4500.0	28.0	17.5
3262.5	4500.0	10.4	21.1
3275.0	4500.0	26.6	24.9
3287.5	4500.0	34.2	24.6
3300.0	4500.0	25.5	24.6
3312.5	4500.0	26.3	24.6
3325.0	4500.0	10.2	23.9
3337.5	4500.0	26.8	19.2
3350.0	4500.0	30.6	12.7

3362.5	4500.0	2.3	13.3
3375.0	4500.0	-6.4	18.1
3387.5	4500.0	13.2	14.9
3400.0	4500.0	50.6	19.1

2.30 Line 4600E

3400.0	4600.0	45.8	24.7
3387.5	4600.0	31.6	20.5
3375.0	4600.0	-3.3	15.1
3362.5	4600.0	8.1	4.9
3350.0	4600.0	-6.5	-1.7
3337.5	4600.0	-5.3	5.1
3325.0	4600.0	-1.5	16.1
3312.5	4600.0	30.9	22.3
3300.0	4600.0	63.0	26.0
3287.5	4600.0	24.6	30.0
3275.0	4600.0	12.8	30.1
3262.5	4600.0	18.6	12.9
3250.0	4600.0	31.5	9.8
3237.5	4600.0	-22.8	11.2
3225.0	4600.0	9.1	12.3
3212.5	4600.0	19.7	10.9
3200.0	4600.0	23.8	23.3
3187.5	4600.0	24.5	18.6
3175.0	4600.0	39.4	15.0
3162.5	4600.0	-14.2	11.5
3150.0	4600.0	1.6	6.7
3137.5	4600.0	6.3	-.8
3125.0	4600.0	.6	4.0
3112.5	4600.0	1.8	4.6
3100.0	4600.0	9.7	4.0

2.31 Line 4700E

3100.0	4700.0	37.6	9.2
3112.5	4700.0	-11.6	8.1
3125.0	4700.0	1.7	7.9
3137.5	4700.0	4.6	3.8
3150.0	4700.0	7.2	4.2
3162.5	4700.0	17.1	14.4
3175.0	4700.0	-9.8	14.1
3187.5	4700.0	52.9	14.3
3200.0	4700.0	3.1	13.2
3212.5	4700.0	8.0	18.4
3225.0	4700.0	11.8	10.8
3237.5	4700.0	16.1	21.8
3250.0	4700.0	15.0	28.2
3262.5	4700.0	58.1	26.3

3275.0	4700.0	40.1	24.1
3287.5	4700.0	2.4	20.7
3300.0	4700.0	4.7	15.6
3312.5	4700.0	-1.8	7.7
3325.0	4700.0	32.4	3.3
3337.5	4700.0	.6	8.9
3350.0	4700.0	-19.4	10.1
3362.5	4700.0	32.6	5.3
3375.0	4700.0	4.2	7.3
3387.5	4700.0	8.6	14.0
3400.0	4700.0	10.7	7.8

2.32 Line 4800E

3400.0	4800.0	20.0	6.9
3387.5	4800.0	-1.6	2.0
3375.0	4800.0	2.2	6.0
3362.5	4800.0	-12.5	5.9
3350.0	4800.0	21.9	8.4
3337.5	4800.0	19.6	11.0
3325.0	4800.0	10.9	15.2
3312.5	4800.0	15.2	15.2
3300.0	4800.0	8.2	14.1
3287.5	4800.0	22.0	16.1
3275.0	4800.0	14.0	19.5
3262.5	4800.0	21.2	27.6
3250.0	4800.0	32.0	39.1
3237.5	4800.0	49.0	51.4
3225.0	4800.0	79.3	51.5
3212.5	4800.0	75.4	56.1
3200.0	4800.0	22.0	53.9
3187.5	4800.0	54.6	42.4
3175.0	4800.0	38.0	30.8
3162.5	4800.0	22.0	28.7
3150.0	4800.0	17.2	17.7
3137.5	4800.0	11.5	15.7
3125.0	4800.0	-.4	21.7
3112.5	4800.0	28.4	22.8
3100.0	4800.0	51.6	26.5

END OF MAGNETOMETER DATA, DONEGAL MOUNTAIN GRID

APPENDIX "C"

D I A M O N D D R I L L C O R E

LOGGING FORMAT

DIAMOND DRILL CORE LOGGING FORMAT

INTRODUCTION

All the diamond drill core from the Regional Resources Ltd. - Canamax Resources Inc. Midway Property has been logged using coded logging forms to aid in the rapid recording and retrieval of information. The following is a short guide to the coding format.

"DIAMOND DRILL RECORD" (Form DDR-82-1)

The first page of each drill hole log is a summary page and is generally self-explanatory.

- Survey Co-ordinates: UTM co-ordinates tied to the Universal Transverse Mercator (UTM) grid.
- Elevation: In metres above sea level.
- Stick Up: Height of casing above ground.
- Scale: Of Diamond Drill Record graphic logs.
- Symmetry Statement: Refers to the recording of structural information.

- GEOLOGY:

  Unit — As per the mineralization and major rock unit codes explained below.

  Int. — Drill core length of intercept.

  T.W. — Thickness of unit corrected for plunge of drill hole and dip of regional stratigraphy.

THE MAJOR STRATIGRAPHIC SUBDIVISIONS

LOWER SYLVESTER GROUP: Upper Devonian-Mississippian

UNIT		
2B	SANDSTONE	- Light grey, medium to coarse grained, massive to bedded.
	CONGLOMERATE	- Light grey, fine to medium grained, massive - generally Bouma A and lesser B sequences.
2A	SUBDIVIDED BELOW	
2AP	SLUMP BRECCIA	- Light grey sandstone clasts in a dark grey siltstone/sandstone matrix.
2AS	SILTSTONE	- Dark to medium grey, variably carbonaceous, variably siliceous, variably pyritic, non-calcareous.
	CALCARENITE	- Light grey, laminated to massive; present toward top of unit.
2AC	SILTSTONE	- Dark to medium grey, slightly to moderately carbonaceous, non-siliceous, slightly to moderately pyritic, generally non-calcareous.
	CALCARENITE	- Light grey, laminated to massive.
	SANDSTONE	- Light grey, laminated to massive; only locally present.
2AA	SILTSTONE	- Dark grey to black, moderately to very carbonaceous, non-siliceous, locally pyritic, non-calcareous; may contain abundant chert and/or calcareous nodules.
1B	SANDSTONE	- Light grey, laminated to massive
	SILTSTONE	- Dark to medium grey, slightly to moderately carbonaceous, non-siliceous, slightly pyritic, non-calcareous.
	CONGLOMERATE	- Light grey, fine to locally medium grained, massive. - Coarser grained Bouma A and B sequences generally occur toward the upper portion of the unit while finer grained Bouma D sequences occur toward the lower portion of the unit.
1BA		- This is the basal transition zone of unit 1B dominated by siltstones with 5-25% sandstone.

THE MAJOR STRATIGRAPHIC SUBDIVISIONS
LOWER SYLVESTER GROUP: Upper Devonian-Mississippian (cont'd)

UNIT

1A This unit is transitional with the 1BA unit above and is defined as containing <5% sandstone beds.

1AA SILTSTONE - Dark grey to black, moderately to very carbonaceous, locally siliceous, locally pyritic, generally non-calcareous.

1AC CALCAREOUS SILTSTONE/CALCARENITE
- Medium to dark grey, usually non-carbonaceous, non-siliceous, non-pyritic, moderately to very calcareous. This is a local calcareous "wash" occasionally immediately overlying the McDame Group carbonates.

ALTERATION

In the Lower Sylvester Group there are zones of siltstone and/or sandstone and/or calcarenite which have been altered to phyllite (Ph) and/or siliceous chert-like rocks with or without pyrrhotite ± pyrite ± chalcopyrite. These altered rocks are placed in the Lower Sylvester Group under their respective unit names with a precursor letter "A", (e.g., A1B is altered Unit 1B).

McDAME GROUP: Middle Devonian

McDame Lithostratigraphic Units

UNIT	Subunit	Thickness m	Major Components		Lesser Components	Minor Components	Notes
			Facies	Lithologies	Facies	Facies	
ML-1	A	28+	Dense	Packstone to Mudstone		Massive Stromatoporoid	
			Amphipora	Rudstone to Floatstone			
	B	5.4	Thamnopora	Rudstone & Floatstone	Massive Stromatoporoid	Amphipora	
	C	16.8	Dense	Packstone to Mudstone			Upper
			Amphipora	Rudstone & Floatstone			
			Massive Stromatoporoid	Rudstone & Floatstone		Stromatoporoid & Dense	Lower
	D	2.5 - 4.3	Crinoidal	Packstone & Wackestone			
	E	4 - 10	Amphipora	Floatstone		Massive Stromatoporoid	
			Dense	Bioclastic-peloidal Packstone to Mudstone			
M'-2		up to 23	Massive Stromatoporoid	Rudstone to Floatstone, local chert, Framestone	Mixed Amphipora & Stromatoporoid	Rugosan Euryamphipora Thamnopora	

THE MAJOR STRATIGRAPHIC SUBDIVISIONS
McDame Group: Middle Devonian (cont'd)

McDame Lithostratigraphic Units

UNIT	Subunit	Thickness m	Major Components: Facies	Major Components: Lithologies	Lesser Components: Facies	Minor Components: Facies	Notes
ML-3		18 - 31	Dense (top)	Bioclastic Packstone & Wackestone			Upper
			Amphipora	Rudstone to (Wackestone)			
			Massive Stromatoporoid	Rudstone to (Floatstone)	Amphipora & Thamnopora		Middle
			Amphipora	Rudstone to (Floatstone)		Dense	Lower
ML-4		1.5 - 4.0	Euryamphipora	Rudstone to Floatstone	Massive & Mixed Stromatoporoid	Amphipora	
ML-5		60 - 113	Amphipora	Rudstone to Floatstone	Massive & Mixed Stromatoporoid	Thin shelled Brachiopods	
			Dense	Bioclastic Packstone & Wackestone			
ML-6		up to 14	Amphipora	Floatstone	Euryamphipora (thin)	Massive Stromatoporoid	Upper
			Dense	Bioclastic-peloidal Packstone to Mudstone			
			Massive Stromatoporoid	Rudstone & Floatstone	Mixed "Stachyodes" & Stromatoporoid	Amphipora	Middle
			Thamnopora	Rudstone & Floatstone	Stromatoporoid		Lower
ML-7		up to 25	Amphipora	Floatstone		Brachiopod (Thamnopora)	
			Dense	Bioclastic-peloidal Packstone to Wackestone			
ML-8		up to 113	Dense	Bioclastic-peloidal Wackestone, Mudstone (Packstone)	Amphipora & Brachiopod	"Stachyodes" & Gastropods	Transitional to Xlline Dolomite

INTRUSIVE ROCKS

UNIT

YBR DIKES AND ALTERED ROCKS OF UNCERTAIN PARENTAGE

- Greenstone dikes are found mainly in the McDame Group but also occur locally in the Lower Sylvester Group.
- Variably altered rocks are usually associated with the dikes but are much more extensive than the greenstones themselves. The altered rocks probably represent, for the most part, highly altered dikes.

THE MAJOR STRATIGRAPHIC SUBDIVISIONS (cont'd)

MINERALIZATION

"EXHALITES" These are light brown to light grey cherty units found in Unit 2A of the Lower Sylvester Group. They are generally composed of quartz, sericite, and pyrite but locally grade to massive sulphides (pyrite-sphalerite-galena). Different "exhalite" horizons have been given letter designations to distinguish them.

e.g., FZ = F-Zone "exhalite"
FZP = F-Zone "exhalite" package - usually used when thin "exhalites" believed to be related are interbedded with other lithologies.

The major rock type designation (e.g., XQ (siliceous exhalite) is used in the unit column when the identification of the "exhalite" horizon is uncertain.

LOWER ZONE MINERALIZATION

The carbonate-hosted Lower Zones have been designated LZ1, LZ2, LZ 3, etc., as they were encountered down the drillhole.

OTHER SYMBOLS USED

OB	-	Overburden
NR	-	No recovery
GM	-	Gouge Zone

APPENDIX "D"

D I A M O N D D R I L L S U M M A R Y L O G S

MW-86-274
MW-86-275
MW-86-276
MW-86-279
MW-86-280
MW-86-281
MW-86-282
MW-86-283
MW-86-284
MW-86-293
MW-86-294

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 274 - PAGE: 1 OF: 1

AREA: TRICORN MTN DIP: -90 ° AZIMUTH (t): 0 ° DEPTH: 157.60m

CLAIM: CLIMAX 11 NORTHING: 6640988 DATE STARTED: AUG. 6 D 1986

SECTION: 23192 E EASTING: 423192 DATE FINISHED: AUG. 10 N 1986

CORE SIZE: HQ ELEVATION: 1376 m CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 75 % M- 97.4 CORE STORED AT: RACK 10 BAYS AB LOGGED BY: J.HYLANDS / W.J.

COMMENTS: NO MINERALIZATION INTERSECTED. DRILLED TO TEST CHANNEL 8 PEM ANOMALY. PYRITE OCCURS DISSEMINATED IN THE YBR.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	3.00	3.00		NR										
			3.00	9.40	6.40		OB										
			9.40	56.40	47.00		1BA										
			56.40	59.40	3.00		1AA										
			59.40	66.10	6.70		1BA										
			66.10	75.00	8.90		1AA										
			75.00	79.50	4.50		1BA?										
			79.50	97.40	17.90		1AC										
			97.40	118.55	21.15		ML1										
			118.55	129.30	10.75		ML1?2										
			129.30	146.90	17.60		ML2										
			146.90	149.05	2.15		YBR										
			149.05	150.00	0.95		ML5										
			150.00	150.50	0.50		YBR										
			150.50	150.95	0.45		ML5										
			150.95	151.30	0.35		YBR										
			151.30	157.60	6.30		ML5										

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H. MW 86 - 275 - PAGE 1 OF 1

AREA: NW DISCO
CLAIM: BULL 5
SECTION: 45590 N
CORE SIZE: HQ
CORE RECOVERY: S- 35 % M- 84 %

DIP: -90 ° AZIMUTH (t): 0 °
NORTHING: 6645587
EASTING: 424790
ELEVATION: 1135 m
CORE STORED AT: RACK 10 BAYS B C

DEPTH: 102.11m
DATE STARTED: AUGUST 14D 1986
DATE FINISHED: AUGUST 17D 1986
CONTRACTOR: CARON DIAMOND DRILLING LTD.
LOGGED BY: W. JAKUBOWSKI

COMMENTS: NO SIGNIFICANT MINERALIZATION INTERSECTED. HOLE DRILLED TO TEST WESTERN EXTENT OF SYLVESTER GROUP. POOR RECOVERY IN SYLVESTER DUE TO EXTENSIVE FAULTING. FAULT RAISES McDAME ON WEST BY AT LEAST 150m.

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	22.56	22.56		OB										
			22.56	36.00	13.44		1B										
			36.00	56.40	20.40		1A										
			56.40	57.20	0.80		FLT										
			57.20	102.11	44.91		ML8?										
								ASSAYS									
			49.40	52.50	3.10		1AAGM	13701	16		0.02	< 0.01	0.01	< 0.002		0.69	< 0.07

DDH - 85 - 10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 276 - PAGE: 1 OF: 1

AREA: TOUR CREEK DIP: -90 ° AZIMUTH (t): 0 ° DEPTH: 111.86m

CLAIM: CLIMAX 1 NORTHING: 6641392 DATE STARTED: AUG. 11 D 1986

SECTION: 41390 EASTING: 423685 DATE FINISHED: AUG. 13 D

CORE SIZE: HQ ELEVATION: 1336 m CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 72 % M- 92 % CORE STORED AT: RACK 10 BAY B LOGGED BY: W JAKUBOWSKI

COMMENTS: NO MINERALIZATION INTERSECTED. HOLE DRILLED TO TEST CHANNEL & PEM CONDUCTOR. ABUNDANT BRECCIATION BELOW 94.1 PRECLUDES DEFINITION OF STRAT. AND SUGGESTS THE POSSIBILITY OF A SIGNIFICANT FAULT.

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	3.05	3.05		OB										
			3.05	13.40	10.35		1B										
			13.40	42.20	28.80		1BA										
			42.20	53.60	11.40		1AA										
			53.60	62.20	8.60		1AC										
			62.20	94.10	31.90		ML5										
			94.10	111.86	17.76		ML5										

DDR - 85 - 10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 279 - PAGE: 1 OF: 1

AREA: NW DISCO
CLAIM: BULL 5
SECTION: 24500 E
CORE SIZE: HQ
CORE RECOVERY: S- 87 % M- 0 % CORE STORED AT: RACK 10 BAYS FG

DIP: -70 ° AZIMUTH (t): 180 °
NORTHING: 6645619.27
EASTING: 424493.5
ELEVATION: 1156.9 m

DEPTH: 269.40m
DATE STARTED: SEPT. 4D 1986
DATE FINISHED: SEPT 18 D 1986
CONTRACTOR: CARON DIAMOND DRILLING LTD.
LOGGED BY: J.J.H./H.Th.

COMMENTS: HOLE DRILLED TO TEST PROJECTED EASTWARD EXTENSION OF REG RESOURCES MINERALIZED STRUCTURE
HOLE ABANDONED WHEN RODS DROPPED WHILE TRYING TO REDUCE TO NQ
REG STRUCTURE NOT FOUND; NO ECONOMIC SULFIDES FOUND

SURVEY DATA

Depth	Dip	Az (t)
0.00	-70.00°	180.00°
36.73	-70.00°	183.00°
67.21	-73.20°	181.00°
97.69	-76.00°	188.50°
128.17	-76.30°	196.00°
158.65	-77.70°	200.00°
189.13	-76.00°	210.00°
219.61	-78.00°	220.00°
250.09	-78.00°	230.00°

GEOLOGY AND ASSAY RECORD

From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	14.20	14.20		OB										
14.20	56.30	42.10		STMB										
56.30	62.90	6.60		QZCA										
62.90	88.20	25.30		STMB										
88.20	94.50	6.30		ST										
94.50	128.60	34.10		STMB										
128.60	134.10	5.50		ST										
134.10	163.70	29.60		STMB										
163.70	186.20	22.50		ST										
186.20	225.10	38.90		STMB										
225.10	225.50	0.40		QZ VN										
225.50	227.90	2.40		ST										
227.90	236.00	8.10		STMB										
236.00	250.60	14.60		ST										
250.60	255.60	5.00		STMB										
255.60	269.40	13.80		ST										

ASSAYS

From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	Ba PPM
43.42	44.10	0.68		STMB	13728	100	23	24	107	<0.2	300	15	830
57.90	58.80	0.90		QZ-CA	13729	100	24	4	33	0.2	60	10	<20
225.10	225.50	0.40		QZ VN	13730	100	44	4	22	<0.2	2	<5	150
225.10	244.80	19.70		ST	13731	100	18	5	18	<0.2	2	<5	1200
255.60	264.40	8.80		ST	13732	100	26	6	38	<0.2	2	<5	1000

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H. MW 86 - 280 - PAGE 1 OF 3

AREA: NORTHWEST DISCOVERY
CLAIM: BULL 1
SECTION: 6644194 N
CORE SIZE: HQ:43.28:NQ:164.90:B
CORE RECOVERY: S- 45 % M- 89 % CORE STORED AT: RACK 10 BAY HE

DIP: -70 ° AZIMUTH (t): 270 °
NORTHING: 6644188.87
EASTING: 425294.86
ELEVATION: 1156.79 m

DEPTH: 268.83m
DATE STARTED: SEPT 12 1986 D
DATE FINISHED: SEPT 21 1986 N
CONTRACTOR: CARON DIAMOND DRILLING LTD.
LOGGED BY: P. DONKERSLOOT

COMMENTS: HOLE WAS DRILLED TO TEST FOR LOWER ZONE MINERALIZATION IN THE AREA OF DDH MW 84-81. FOUR LOWER ZONES WERE INTERSECTED (202.10-202.65,203.88-210.75,216.10-218.55 AND 220.04-223.30m). HOLE WAS TERMINATED AFTER 45m OF BARREN GROUND WAS DRILLED.

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-70.00°	270.00°	0.00	15.25	15.25		NR										
172.67	-72.00°	260.50°	15.25	39.30	24.05		OB										
203.15	-72.80°	256.50°	39.30	69.95	30.65		2AC										
233.68	-72.50°	258.00°	69.95	71.90	1.95		UZ+GM										
265.94	-74.00°	255.00°	71.90	72.90	1.00		2AC										
			72.90	77.72	4.82		GM										
			77.72	78.70	0.98		XQ+GM										
			78.70	101.65	22.95		2AC										
			101.65	109.15	7.50		GM										
			109.15	118.00	8.85		1B										
			118.00	121.90	3.90		GM										
			121.90	125.50	3.60		1B										
			125.50	128.95	3.45		GM										
			128.95	151.20	22.25		1B										
			151.20	154.00	2.80		GM										
			154.00	166.00	12.00		1B										
			166.00	179.00	13.00		1BA										
			179.00	190.00	11.00		1AA										
			190.00	196.90	6.90		1AC										
			196.90	202.10	5.20		ML1CR										
			202.10	202.65	0.55		LZ										
			202.65	203.88	1.23		ML1CR										
			203.88	210.75	6.87		LZ										
			210.75	216.10	5.35		ML1CR										
			216.10	218.55	2.45		LZ										
			218.55	220.04	1.49		ML1CR										
			220.04	222.30	2.26		LZ										
			222.30	224.55	2.25		ML1?										
			224.55	225.90	1.35		GOUGE										
			225.90	226.90	1.00		ML1RB										
								CONTINUED									

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 280 - PAGE 2 OF 3

AREA: DIP: AZIMUTH (t): DEPTH:
CLAIM: NORTHING: DATE STARTED:
SECTION: EASTING: DATE FINISHED:
CORE SIZE: ELEVATION: CONTRACTOR:
CORE RECOVERY: CORE STORED AT: LOGGED BY:
COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
			226.90	232.60	5.70		ML1CR										
			232.60	233.80	1.20		ML1RB										
			233.80	236.40	2.60		ML1CR										
			236.40	237.25	0.85		ML1?										
			237.25	255.70	18.45		ML2										
			255.70	258.25	2.55		ML2CR										
			258.25	260.30	2.05		ML3										
			260.30	268.83	8.53		ML3CR										
								ASSAYS									
			201.10	202.10	1.00		ML1?	13733	85	2.8	< 0.02	0.08	0.10	0.002		< 0.69	0.07
			202.10	202.65	0.55		LZ	13734	100	3.9	1.15	0.05	0.82	< 0.002		39.43	< 0.07
			202.65	203.88	1.23		ML1?	13735	95	2.8	< 0.02	0.03	0.06	0.004		< 0.69	0.14
			203.88	204.88	1.00		LZ	13736	80	3.9	1.88	0.16	12.00	< 0.002		64.46	< 0.07
			204.88	205.70	0.82		LZ	13737	95	4.3	4.76	0.22	0.12	0.002		163.20	0.07
			205.70	206.90	1.20		LZ	13738	95	4.1	1.35	0.10	2.80	< 0.002		46.29	< 0.07
			206.90	207.90	1.00		LZ	13739	95	4.1	1.75	0.11	3.00	< 0.002		60.00	< 0.07
			207.90	208.90	1.00		LZ	13740	100	3.9	0.82	0.16	5.10	< 0.002		28.11	< 0.07
			208.90	209.90	1.00		LZ	13741	100	3.9	1.51	0.34	8.20	< 0.002		51.77	< 0.07
			209.90	210.75	0.85		LZ	13742	95	3.8	1.60	0.26	12.00	< 0.002		54.86	< 0.07
			210.75	211.75	1.00		ML1?	13743	100	2.8	< 0.02	< 0.01	0.11	< 0.002		< 0.69	< 0.07
			215.10	216.10	1.00		ML1?	13744	100	2.8	0.03	0.01	0.12	< 0.002		1.03	< 0.07
			216.10	217.10	1.00		LZ	13745	100	4	1.90	0.14	12.00	< 0.002		65.14	< 0.07
			217.10	217.80	0.70		LZ	13746	95	4.1	1.77	0.40	7.55	< 0.002		60.69	< 0.07
			217.80	218.55	0.75		LZ	13747	100	3.9	12.96	8.20	15.40	< 0.002		444.34	< 0.07
			218.55	220.04	1.49		ML1?	13748	100	2.8	0.17	0.11	0.24	< 0.002		5.83	< 0.07
			220.04	221.40	1.36		LZ	13749	100	4.2	1.27	0.36	3.60	0.002		43.54	0.07
			221.40	222.30	0.90		LZ	13750	100	4.2	4.98	1.49	7.23	< 0.002		170.74	< 0.07
			222.30	223.30	1.00		ML1?	13751	100	2.8	0.96	0.07	0.34	< 0.002		32.91	< 0.07
								CONTINUED									

DDR - 85 - 10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 280 - PAGE: 3 OF: 3

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
								AVERAGES									
			203.88	210.75	6.87					4.0	1.90	0.19	5.97	0.001		65.12	0.04
			216.10	218.55	2.45					4.0	5.16	2.62	11.71	0.001		177.07	0.03
			220.04	222.30	2.26					4.2	2.75	0.81	5.05	0.002		94.20	0.05

DDR - 85 - 10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 281 - PAGE 1 OF 3

AREA: SILVER CREEK DIP: -70 ° AZIMUTH (t): 270 ° DEPTH: 228.60m

CLAIM: BULL 1 NORTHING: 6644097.34 DATE STARTED: SEPT. 19 D 1986

SECTION: 44115 N EASTING: 425200.09 DATE FINISHED: SEPT. 30 D 1986

CORE SIZE: HQ:207.26:NQ ELEVATION: 1162.45 m CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 83 % M- 92 % CORE STORED AT: RACK 10 BAYS HIJ LOGGED BY: W. JAKUBOWSKI

COMMENTS: McDame is heavily crackle brecciated between Sylvester and YBR. No mineralization intersected.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-70.00°	270.00°	0.00	41.75	41.75		OB										
225.71	-72.50°	281.00°	41.75	71.30	29.55		1B										
			71.30	77.80	6.50		GM										
			77.80	101.00	23.20		1B										
			101.00	107.15	6.15		GM										
			107.15	110.50	3.35		MLS										
			110.50	112.05	1.55		MLSCR										
			112.05	113.00	0.95		MLSMS										
			113.00	120.10	7.10		MLSCR										
			120.10	120.70	0.60		MLSMS										
			120.70	121.45	0.75		MLSCR										
			121.45	122.05	0.60		MLSMS										
			122.05	128.30	6.25		MLSCR										
			128.30	128.50	0.20		MLSRB										
			128.50	129.40	0.90		MLSST										
			129.40	129.55	0.15		MLSCR										
			129.55	130.70	1.15		MLSST										
			130.70	131.57	0.87		MLSRB										
			131.57	131.80	0.23		MLSST										
			131.80	134.40	2.60		MLSMS										
			132.95	136.90	3.95		MLSST										
			136.90	137.80	0.90		MLS										
			137.80	139.10	1.30		MLSCR										
			139.10	140.50	1.40		MLSST										
			140.50	143.20	2.70		MLSCR										
			143.20	143.50	0.30		MLSST										
			143.50	148.80	5.30		MLSCR										
			148.80	149.00	0.20		MLSST										
			149.00	150.30	1.30		MLSCR										
			150.30	151.50	1.20		MLSST										
								CONTINUED									

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 281 - PAGE 2 OF 3

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
			151.50	151.80	0.30		MLSCR										
			151.80	152.00	0.20		MLSRB										
			152.00	153.20	1.20		YBR										
			153.20	159.85	6.65		DYKE										
			159.85	169.40	9.55		YBR										
			169.40	169.90	0.50		MLS										
			169.90	170.30	0.40		YBR										
			170.30	172.15	1.85		ML7RB										
			172.15	173.70	1.55		ML7										
			173.70	174.00	0.30		ML7RB										
			174.00	174.25	0.25		ML7										
			174.25	174.80	0.55		ML7RB										
			174.80	175.00	0.20		ML7										
			175.00	175.40	0.40		ML7MS										
			175.40	175.60	0.20		ML7										
			175.60	181.40	5.80		ML7CR										
			181.40	181.60	0.20		ML7										
			181.60	182.10	0.50		ML8CR										
			182.10	182.80	0.70		ML8										
			182.80	183.20	0.40		ML8MS										
			183.20	184.30	1.10		ML8										
			184.30	184.65	0.35		ML8MS										
			184.65	191.40	6.75		ML8										
			191.40	191.80	0.40		ML8CR										
			191.80	195.10	3.30		ML8										
			195.10	195.40	0.30		ML8CR										
			195.40	197.90	2.50		ML8										
			197.90	198.10	0.20		ML8MS										
			198.10	200.50	2.40		ML8										
			200.50	200.80	0.30		ML8MS										
			200.80	201.30	0.50		ML8										
								CONTINUED									

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 281 - PAGE 3 OF 3

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
			201.30	202.80	1.50		ML8CR										
			202.80	203.00	0.20		ML8										
			203.00	204.05	1.05		ML8MS										
			204.05	209.90	5.85		ML8										
			209.90	210.10	0.20		ML8CR										
			210.10	215.80	5.70		ML8										
			215.80	216.20	0.40		ML8MS										
			216.20	220.20	4.00		ML8										
			220.20	220.75	0.55		ML8MS										
			220.75	221.60	0.85		ML8										
			221.60	222.50	0.90		ML8CR										
			222.50	225.30	2.80		ML8										
			225.30	225.70	0.40		ML8CR										
			225.70	228.60	2.90		ML8										

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 282 - PAGE 1 OF 1

AREA: NW DISCO
CLAIM: BULL 5
SECTION: 24489 E
CORE SIZE: HQ:70.7:NQ
CORE RECOVERY: S- 91 % M- 0 %

DIP: -45 ° AZIMUTH (t): 170 °
NORTHING: 6645520.61
EASTING: 424489.15
ELEVATION: 1160.95 m
CORE STORED AT: RACK 10 BAYS JK

DEPTH: 152.04m
DATE STARTED: SEPT. 21N 1986
DATE FINISHED: SEPT 25N 1986
CONTRACTOR: CARON DIAMOND DRILLING LTD.
LOGGED BY: H. THALENHORST

COMMENTS: SECOND HOLE OF FENCE TO INTERSECT REG RESOURCES MINERALIZED STRUCTURE (OTHER: 279)
ROCKS ENCOUNTERED ARE INTERPRETED AS MIDDLE KECHIKA LIMY SILTSTONES
HOLE FAILED TO FIND TARGET STRUCTURE: NO SULFIDES OF ECONOMIC INTEREST WERE INTERSECTED

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-45.00°	170.00°	0.00	2.30	2.30		N.R.										
48.98	-52.50°	169.00°	2.30	24.40	22.10		STMB										
97.96	-60.00°	168.00°	24.40	29.40	5.00		CST										
143.41	-64.00°	175.50°	29.40	92.40	63.00		STMB										
			92.40	95.30	2.90		ST										
			95.30	126.00	30.70		STMB										
			126.00	131.00	5.00		ST										
			131.00	147.20	16.20		STMB										
			147.20	152.04	4.84		PBLST										

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 283 - PAGE 1 OF 2

AREA: NW DISCOVERY DIP: -90 ° AZIMUTH (t): 0 ° DEPTH: 177.39m

CLAIM: BULL 5 NORTHING: 6645300.25 DATE STARTED: SEPT. 26D 1986

SECTION: 45300 N EASTING: 424795.63 DATE FINISHED: OCT. 3N 1986

CORE SIZE: HQ:62.48:NQ:140.51:B ELEVATION: 1181 m CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 59 % M- 94 % CORE STORED AT: RACK 10 BAY K LOGGED BY: W. JAKUBOWSKI

COMMENTS: Hole drilled to test PEM channel 8 anomally. Intense brecciation of McDame obscures fossils preventing determination of stratigraphy.
Minor pyrite occurs disseminated in unit 1AMT. No significant mineralization intersected.
Plastic pipe installed and removed.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W.(m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	36.00	36.00		OB										
174.50	-88.00°	335.00°	36.00	45.50	9.50		1B										
			45.50	53.20	7.70		GM										
			53.20	117.00	63.80		1B										
			117.00	123.50	6.50		1BA										
			123.50	128.50	5.00		GM										
			128.50	131.35	2.85		1AMT										
			131.35	133.35	2.00		MLSRB										
			133.35	134.00	0.65		MLSMS										
			134.00	135.90	1.90		MLSST										
			135.90	136.80	0.90		MLSCR										
			136.80	137.90	1.10		MLSMS										
			137.90	138.65	0.75		MLSST										
			138.65	142.40	3.75		MLSMS										
			142.40	142.60	0.20		MLS										
			142.60	143.00	0.40		MLSST										
			143.00	144.70	1.70		MLS										
			144.70	145.05	0.35		MLSMS										
			145.05	146.35	1.30		MLSCR										
			146.35	146.80	0.45		MLSMS										
			146.80	147.50	0.70		MLSCR										
			147.50	148.00	0.50		MLSMS										
			148.00	154.90	6.90		MLS										
			154.90	160.15	5.25		MLSCR										
			160.15	163.00	2.85		MLS										
			163.00	163.70	0.70		MLSCR										
			163.70	164.40	0.70		MLS										
			164.40	165.90	1.50		MLSCR										
			165.90	167.15	1.25		MLS										
			167.15	167.80	0.65		MLSCR										
								CONTINUED									

DDR - 85 - 10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 284 - PAGE 1 OF 2

AREA: NW DISCOVERY DIP: -70 ° AZIMUTH (t): 270 ° DEPTH: 254.20m

CLAIM: BULL 1 NORTHING: 6644288.16 DATE STARTED: SEPT. 30D 1986

SECTION: 44290 N EASTING: 425261.06 DATE FINISHED: OCT. 11N 1986

CORE SIZE: HQ:170.68:NQ ELEVATION: 1163.42 m CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 50 % M- 83 % CORE STORED AT: RACK 10 BAYS KLM LOGGED BY: W. JAKUBOWSKI

COMMENTS: Hole drilled to test for Lower Zone mineralization 100m N of DDH MW86-280. No mineralization intersectec.

McDame limestone below YBR may be unit ML8

73m Of Nq drill rod left in hole. 80m of HWL casing left in hole.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-70.00°	270.00°	0.00	12.80	12.80		OB										
30.48	-71.50°	270.00°	12.80	18.90	6.10		2AC										
60.96	-71.50°	270.00°	18.90	31.10	12.20		UZP										
91.44	-72.00°	267.00°	31.10	43.60	12.50		2AC										
121.92	-71.70°	262.00°	43.60	44.30	0.70		XQ										
243.84	-72.00°	248.00°	44.30	130.00	85.70		2AC										
			130.00	134.00	4.00		GM										
			134.00	135.40	1.40		1B?										
			135.40	141.50	6.10		GM										
			141.50	144.50	3.00		1B										
			144.50	147.20	2.70		GM										
			147.20	183.48	36.28		1B										
			183.48	195.00	11.52		GM										
			195.00	210.00	15.00		1AAGM										
			210.00	211.25	1.25		1AC										
			211.25	215.50	4.25		MLSCR										
			215.50	216.85	1.35		MLSMS										
			216.85	219.00	2.15		MLSRB										
			219.00	221.28	2.28		MLSMS										
			221.28	221.85	0.57		YBR										
			221.85	223.77	1.92		MLSMS										
			223.77	234.30	10.53		YBR										
			234.30	234.80	0.50		MLS										
			234.80	235.40	0.60		YBR										
			235.40	239.46	4.06		MLS										
			239.46	239.75	0.29		MLSMS										
			239.75	243.84	4.09		MLS										
			243.84	244.75	0.91		MLSMS										
			244.75	245.10	0.35		MLS										
			245.10	245.40	0.30		MLSCR										
								CONTINUED									

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 254 - PAGE 2 OF 2

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
			245.40	251.00	5.60		MLS										
			251.00	251.90	0.90		MLSMS										
			251.90	254.20	2.30		MLS										

DDR - 85 - 10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H. MW 86 - 293 - PAGE 1 OF 2

AREA: TRICORN MTN. DIP: -90 ° AZIMUTH (t): 0 ° DEPTH: 137.77m

CLAIM: CLIMAX 12 NORTHING: 6641048 DATE STARTED: OCT. 4D 1986

SECTION: 41092 N EASTING: 423208 DATE FINISHED: OCT. 7N 1986

CORE SIZE: HQ:91.44:NQ ELEVATION: 1376 m CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 81 % M- 91 % CORE STORED AT: RACK 10 BAYS MNO LOGGED BY: W. JAKUBOWSKI

COMMENTS: Hole drilled on Tricorn Mtn., grid coordinates 9100N, 3250E, to test a channel 8 PEM anomaly.
Oxide mud was intersected in the McDame limestone 29m below the shale limestone contact.
30.5m of HQ drill rod was left in the hole, from 61.0m to 91.5m.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	5.60	5.60		NR										
114.49	-86.00°	332.00°	5.60	28.10	22.50		1BA?										
			28.10	41.80	13.70		1B										
			41.80	49.00	7.20		1BA										
			49.00	65.10	16.10		1AA										
			65.10	73.95	8.85		1AC										
			73.95	109.50	35.55		ML1?										
			109.50	110.30	0.80		ML1MS										
			110.30	117.20	6.90		ML1?										
			117.20	117.30	0.10		ML1RB										
			117.30	119.10	1.80		ML1MS										
			119.10	121.80	2.70		ML1?										
			121.80	126.00	4.20		ML1?2										
			126.00	126.20	0.20		ML1MS										
			126.20	127.70	1.50		ML1?2										
			127.70	137.77	10.07		ML2										
											Pb PPM	Zn PPM	Ag PPM	Au PPB			
								ASSAYS									
			102.02	103.02	1.00		ML1	13753	84		<2	12	<0.2	<5	0.30		
			103.02	103.47	0.45		LOX	13754	53		<2	145	<0.2	<5	0.80		
			103.47	104.65	1.18		LOX	13755	28		260	3000	1.4	<5	7.00		
			104.65	105.76	1.11		ML1	13756	30		50	1000	0.2	<5	3.45		
			105.76	106.30	0.54		LOX	13757	74		9	264	<0.2	<5	1.35		
			106.30	106.70	0.40		ML1	13758	74		<2	81	<0.2	<5	0.45		
			106.70	106.90	0.20		LOX	13759	90		77	2200	0.6	5	8.00		
			106.90	107.90	1.00		ML1	13760	95		<2	60	<0.2	<5	0.80		
			116.30	117.30	1.00		ML1	13761	60		<2	140	<0.2	<5	0.75		
			117.30	117.95	0.65		MLLOX	13762	85		11	700	<0.2	<5	5.00		
								CONTINUED									

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 293 - PAGE: 2 OF: 2

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND ASS							Pb	Zn	Ag	Fe	As	Au		
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	PPM	PPM	PPM	PCT	PPM	PPB	g gm/MT	Au gm/MT
			117.95	118.15	0.20		LOX	13763	100		42	950	<0.2	>10.00		<5		
			118.15	119.15	1.00		ML1	13764	100		<2	530	<0.2	0.75		<5		

DDR-85-10

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 294 - — PAGE 1 OF 2

AREA: NW DISCOVERY — DIP: -85 ° — AZIMUTH (t): 50 ° — DEPTH: 322.17m

CLAIM: BULL 1 — NORTHING: 6644288.16 — DATE STARTED: OCT 12D 1986

SECTION: 44290 N — EASTING: 425259 — DATE FINISHED: OCT 28N 1986

CORE SIZE: HQ:182.27:NQ:240.18: — ELEVATION: 1165 m — CONTRACTOR: CARON DIAMOND DRILLING LTD.

CORE RECOVERY: S- 48 % M- 95 % — CORE STORED AT: RACK 10 BAYS OPQ — LOGGED BY: W. JAKUBOWSKI

COMMENTS: Hole drilled to test for northern extension of mineralization encountered in hole MW86-280. Pyrite was intersected in two minor zones in the McDame limestone. No significant mineralization intersected. Sylvester - McDame contact appears transitional.

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-85.00°	50.00°	0.00	12.30	12.30		NR										
36.70	-84.00°	50.00°	12.30	12.50	0.20		OB										
67.20	-84.00°	60.00°	12.50	21.95	9.45		2AC										
97.70	-86.00°	42.00°	21.95	22.70	0.75		XQ										
122.70	-88.00°	70.00°	22.70	24.80	2.10		2AC										
153.20	-89.00°	80.00°	24.80	27.43	2.63		CAVE										
275.10	-88.00°	220.00°	27.43	31.80	4.37		SAND										
317.80	-87.50°	250.00°	31.80	157.60	125.80		2AC										
			157.60	170.70	13.10		GM										
			170.70	171.30	0.60		1B										
			171.30	173.60	2.30		GM										
			173.60	205.44	31.84		1B										
			205.44	208.80	3.36		NR										
			208.80	214.00	5.20		1B										
			214.00	214.90	0.90		NR										
			214.90	257.00	42.10		1B										
			257.00	271.90	14.90		1BA										
			271.90	278.30	6.40		1AA										
			278.30	280.10	1.80		1AC										
			280.10	288.20	8.10		ML1										
			288.20	289.70	1.50		ML2										
			289.70	290.20	0.50		ML2MS										
			290.20	291.10	0.90		ML2CR										
			291.10	291.80	0.70		ML2MS										
			291.80	293.60	1.80		ML2										
			293.60	294.20	0.60		ML2CR										
			294.20	295.90	1.70		ML2										
			295.90	296.40	0.50		LZ										
			296.40	298.80	2.40		ML2										
			298.80	299.00	0.20		ML2CR										
								CONTINUED									

DDR - 85 - IU

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H. MW 86 - 294 - PAGE 2 OF 2

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD													
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
			299.00	304.00	5.00		ML2										
			304.00	304.60	0.60		ML2CR										
			304.60	304.80	0.20		ML2?										
			304.80	305.30	0.50		ML2RB										
			305.30	305.60	0.30		LZ										
			305.60	310.40	4.80		ML2?										
			310.40	310.80	0.40		ML2MS										
			310.80	313.60	2.80		ML2?3										
			313.60	315.25	1.65		ML3?										
			315.25	315.60	0.35		ML3CR										
			315.60	316.50	0.90		ML3?										
			316.50	316.70	0.20		ML3MS										
			316.70	322.17	5.47		ML3?										
								ASSAYS									
			295.90	296.40	0.50		LZ	13765	91		0.07	0.02	0.01	< 0.002		2.40	< 0.07
			304.80	305.30	0.50		ML2RB	13766	100		5.38	2.05	3.27	0.019		184.46	0.65
			305.30	305.60	0.30		LZ	13767	100		2.20	0.48	3.81	0.016		75.43	0.55

APPENDIX "E"

A S S A Y & A N A L Y S I S R E C O R D S

CORE

NOTE: The first three digits of the sample number are the drill hole number i.e., 275-13701 denotes DDH MW-86-275.

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
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Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 426-3892 PROJECT: MIDWAY PAGE 1

AMPLE NUMBER	ELEMENT UNITS	Ag OPT	Au OPT	Pb PCT	Zn PCT
2 275-13701		0.02	<0.002	<0.01	0.01

Registered Assayer, Province of British Columbia

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 126-4508 | PROJECT: MIDWAY | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	Ba PPM
D2 279-13728		23	24	107	<0.2	300	15	830
D2 279-13729		24	4	33	0.2	60	10	<20

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Geochemical Lab Report

REPORT: 126-5531 PROJECT: MIDWAY PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Ba PPM
D2 279-13730		44	4	22	<0.2		2	<5	150
D2 279-13731		18	5	18	<0.2		2	<5	1200
D2 279-13732		26	6	38	<0.2		2	<5	1000
D2 283-13752			10	52	0.4			10	
D2 293-13753			<2	12	<0.2	0.30		<5	
D2 293-13754			<2	145	<0.2	0.80		<5	
D2 293-13755			260	3000	1.4	7.00		<5	
D2 293-13756			50	1000	0.2	3.45		<5	
D2 293-13757			9	264	<0.2	1.35		<5	
D2 293-13758			<2	81	<0.2	0.45		<5	
D2 293-13759			77	2200	0.6	8.00		5	
D2 293-13760			<2	60	<0.2	0.80		<5	
D2 293-13761			<2	140	<0.2	0.75		<5	
D2 293-13762			11	700	<0.2	5.00		<5	
D2 293-13763			42	950	<0.2	>10.00		<5	
D2 293-13764			<2	530	<0.2	0.75		<5	

Bondar-Clegg & Company Ltd.
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Certificate of Analysis

REPORT: 426-4947

PROJECT: MIDWAY PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Pb PCT	Zn PCT	SG
D2 280-13733		0.002	<0.02	0.08	0.10	2.8
D2 280-13734		<0.002	1.15	0.05	0.82	3.9
D2 280-13735		0.004	<0.02	0.03	0.06	2.8
D2 280-13736		<0.002	1.88	0.16	12.00	3.9
D2 280-13737		0.002	4.76	0.22	0.12	4.3
D2 280-13738		<0.002	1.35	0.10	2.80	4.1
D2 280-13739		<0.002	1.75	0.11	3.00	4.1
D2 280-13740		<0.002	0.82	0.16	5.10	3.9
D2 280-13741		<0.002	1.51	0.34	8.20	3.9
D2 280-13742		<0.002	1.60	0.26	12.00	3.8
D2 280-13743		<0.002	<0.02	<0.01	0.11	2.8
D2 280-13744		<0.002	0.03	0.01	0.12	2.8
D2 280-13745		<0.002	1.90	0.14	12.00	4.0
D2 280-13746		<0.002	1.77	0.40	7.55	4.1
D2 280-13747		<0.002	12.96	8.20	15.40	3.9
D2 280-13748		<0.002	0.17	0.11	0.24	2.8
D2 280-13749		0.002	1.27	0.36	3.60	4.2
D2 280-13750		<0.002	4.98	1.49	7.23	4.2
D2 280-13751		<0.002	0.96	0.07	0.34	2.8

Registered Assayer, Province of British Columbia

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Certificate of Analysis

REPORT: 426-5925

PROJECT: MIDWAY PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Pb PCT	Zn PCT
D2 294 13765		<0.002	0.07	0.02	0.01
D2 294 13766		0.019	5.38	2.05	3.27
D2 294 13767		0.016	2.20	0.48	3.81

Registered Assayer, Province of British Columbia

APPENDIX F

R E V E R S E C I R C U L A T I O N D R I L L

S U M M A R Y L O G S

MW-86-285
MW-86-286
MW-86-287
MW-86-288
MW-86-289
MW-86-290
MW-86-291
MW-86-292
MW-86-295

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 285 - — PAGE 1 OF 2

AREA: BULL 7
CLAIM: BULL 7
SECTION: 1
CORE SIZE:
CORE RECOVERY:

DIP: -90 ° AZIMUTH (t): 0 °
NORTHING: 648125
EASTING: 422540
ELEVATION: 1493 m
CORE STORED AT: MW WAREHOUSE

DEPTH: 96.62m
DATE STARTED: SEPTEMBER 30 1986
DATE FINISHED: OCTOBER 1 1986
CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.
LOGGED BY: P. DONKERSLOOT

COMMENTS: THE OVERBURDEN CONSISTS OF BROWN CLAY WITH 15% SILTY MUDSTONE CHIPS. IT IS POSSIBLY AN OXIDE ZONE WITHIN THE LOWER SYLVESTER. THE OXIDE ZONE CONSISTS OF BROWN CLAY WITH 25% LIMESTONE MUDSTONE AND LIMONITE CHIPS.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	8.23	8.23		NS										
			8.23	18.30	10.07		OB?										
			18.30	19.81	1.51		OX+ML										
			19.81	79.86	60.05		MLS										
			79.86	82.30	2.44		CA VN										
			82.30	96.62	14.32		MLS										
								ASSAYS			Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM		
			8.23	9.75	1.52		OB?	13851	0		280	2500	0.4	5	1700=		
			9.75	11.28	1.53		OB?	13852	0		330	4600	0.4	10	2200		
			11.28	12.80	1.52		OB?	13853	0		1280	9200	1.1	15	2700		
			12.80	14.33	1.53		OB?	13854	0		760	6900	1.0	<5	1500		
			14.33	15.85	1.52		OB?	13855	0		560	5000	0.9	5	2300		
			15.85	17.37	1.52		OB?	13856	0		440	6400	0.8	10	3300		
			17.37	18.90	1.53		OB+ML	13857	0		270	4800	0.4	5	1800		
			18.90	19.81	0.91		OX+ML	13858	0		149	4000	0.2	<5	4200		
			19.81	21.95	2.14		MLS	13859	0		28	830	<0.2	5	820		
			21.95	23.50	1.55		MLS	13860	0		16	440	<0.2	<5	330		
			23.50	25.00	1.50		MLS	13861	0		6	224	<0.2	<5	640		
			25.00	26.52	1.52		MLS	13862	0		60	1200	<0.2	<5	1900		
			35.66	37.19	1.53		MLS	13863	0		32	540	<0.2	<5	490		
			43.28	44.81	1.53		MLS	13864	0		74	860	<0.2	<5	840		
			46.33	47.85	1.52		MLS	13865	0		24	320	<0.2	<5	260		
			73.76	75.29	1.53		MLS	13866	0		4	200	<0.2	5	980		
			75.29	76.81	1.52		MLS	13867	0		3	140	<0.2	<5	790		
			76.81	78.33	1.52		MLS	13868	0		<2	95	<0.2	<5	800		
			26.52	35.66	9.14		COMPO	13897	0		23	520	<0.2	<5	630		
			37.19	43.28	6.09		COMPO	13898	0		15	352	<0.2	<5	160		
								CONTINUED									

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 285 - — PAGE: 2 OF: 2

AREA: _____ DIP: _____ AZIMUTH (t): _____ DEPTH: _____

CLAIM: _____ NORTHING: _____ DATE STARTED: _____

SECTION: _____ EASTING: _____ DATE FINISHED: _____

CORE SIZE: _____ ELEVATION: _____ CONTRACTOR: _____

CORE RECOVERY: _____ _____ CORE STORED AT: _____ LOGGED BY: _____

COMMENTS: _____

SURVEY DATA			GEOLOGY AND ASS/								Pb	Zn	Ag	Au	Ba			
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	PPM	PPM	PPM	PPB	PPM	%	Ag gm/MT	Au gm/MT
			47.85	73.76	25.91		COMPO	13899	0		82	124	<0.2	<5	290			
			78.33	96.62	18.29		COMPO	13900	0		32	36	<0.2	<5	1200			

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H: MW 86 - 286 - — PAGE 1 OF 2

AREA: BULL 7 — DIP: -90 ° — AZIMUTH (t): 0 ° — DEPTH: 105.76m

CLAIM: BULL 7 — NORTHING: 648062 — DATE STARTED: OCTOBER 2 1986

SECTION: 1 — EASTING: 422488 — DATE FINISHED: OCTOBER 3 1986

CORE SIZE: — ELEVATION: 1503 m — CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.

CORE RECOVERY: — CORE STORED AT: MW WAREHOUSE — LOGGED BY: P. DONKERSLOOT

COMMENTS: 93.57m OF PLASTIC PIPE WAS INSERTED INTO THE HOLE. THE OXIDE ZONES CONSIST OF BROWN CLAY WITH 40-70% LIMESTONE OR MUDSTONE CHIPS.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	5.18	5.18		NS										
			5.18	25.00	19.82		LSY										
			25.00	27.30	2.30		LS+OX										
			27.30	28.09	0.79		ML+OX										
			28.09	31.09	3.00		MLS										
			31.09	41.76	10.67		ML+OX										
			41.76	55.47	13.71		MLS										
			55.47	57.00	1.53		ML+OX										
			57.00	58.52	1.52		MLS										
			58.52	63.09	4.57		ML+OX										
			63.09	86.30	23.21		MLS										
			86.30	97.00	10.70		CA VN										
			97.00	105.76	8.76		MLS										
												Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM	
								ASSAYS									
			18.90	20.42	1.52		LSY	13869	0			34	500	<0.2	5	4300	
			20.42	21.95	1.53		LSY	13870	0			21	188	<0.2	<5	3900	
			21.95	23.47	1.52		LSY	13871	0			18	220	<0.2	<5	3400	
			23.47	25.00	1.53		LSY	13872	0			32	160	<0.2	10	4200	
			25.00	26.52	1.52		LS+OX	13873	0			57	350	<0.2	5	5400	
			26.52	28.09	1.57		LS+OX	13874	0			78	860	0.2	10	4100	
			28.09	29.57	1.48		MLS	13875	0			10	145	<0.2	10	960	
			29.57	31.09	1.52		MLS	13876	0			29	324	<0.2	10	2400	
			31.09	32.61	1.52		ML+OX	13877	0			85	820	<0.2	<5	2900	
			32.61	34.14	1.53		OX+ML	13878	0			75	1080	<0.2	5	2000	
			34.14	35.66	1.52		ML+OX	13879	0			34	770	<0.2	<5	1200	
			35.66	37.19	1.53		ML+OX	13880	0			35	880	<0.2	5	1400	
			37.19	38.71	1.52		OX+ML	13881	0			112	1360	<0.2	<5	1400	
								CONTINUED									

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 286 - — PAGE 2 OF 2

AREA: — DIP: — AZIMUTH (t): — DEPTH:
CLAIM: — NORTHING: — DATE STARTED:
SECTION: — EASTING: — DATE FINISHED:
CORE SIZE: — ELEVATION: — CONTRACTOR:
CORE RECOVERY: — CORE STORED AT: — LOGGED BY:
COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RE																
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/	Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM	g gm/MT	Au gm/MT
			38.71	40.23	1.52		ML+OX	13882	0			95	1260	<0.2	<5	1600		
			40.23	41.76	1.53		ML+OX	13883	0			92	1900	<0.2	5	1200		
			41.76	43.28	1.52		MLS	13884	0			34	880	<0.2	5	640		
			43.28	44.81	1.53		MLS	13885	0			6	280	<0.2	<5	150		
			53.95	55.47	1.52		MLS	13886	0			14	232	<0.2	<5	370		
			55.47	57.00	1.53		ML+OX	13887	0			27	640	<0.2	<5	400		
			57.00	58.52	1.52		MLS	13888	0			7	279	<0.2	<5	290		
			58.52	60.04	1.52		ML+OX	13889	0			42	920	<0.2	<5	520		
			60.04	61.60	1.56		ML+OX	13890	0			22	490	<0.2	10	210		
			61.60	63.09	1.49		ML+OX	13891	0			19	470	<0.2	<5	160		
			63.09	64.62	1.53		MLS	13892	0			23	480	<0.2	<5	220		
			64.62	66.14	1.52		MLS	13893	0			9	96	<0.2	<5	110		
			78.33	79.86	1.53		MLS	13894	0			4	168	<0.2	<5	40		
			79.86	81.38	1.52		MLS	13895	0			4	200	<0.2	5	90		
			101.19	102.72	1.53		MLS	13896	0			12	200	<0.2	<5	410		
			5.18	18.90	13.72		COMPO	13901	0			46	82	<0.2	<5	2800		
			44.81	53.95	9.14		COMPO	13902	0			3	136	<0.2	<5	150		
			66.14	78.33	12.19		COMPO	13903	0			5	152	<0.2	<5	380		
			81.38	101.19	13.81		COMPO	13904	0			<2	50	<0.2	<5	370		
			102.72	105.76	3.04		COMPO	13905	0			6	45	<0.2	<5	830		

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H. MW 86 - 287 - PAGE 1 OF 1

AREA: BULL 7
CLAIM: BULL 7
SECTION: 1
CORE SIZE:
CORE RECOVERY: CORE STORED AT: MW WAREHOUSE

DIP: -90 ° AZIMUTH (t): 0 °
NORTHING: 647957
EASTING: 422410
ELEVATION: 1508 m

DEPTH: 89.00m
DATE STARTED: OCTOBER 3 1986
DATE FINISHED: OCTOBER 4 1986
CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.
LOGGED BY: P. DONKERSLOOT

COMMENTS: HOLE WAS ABANDONDED AFTER THE PONY PIPE BROKE AT THE BOTTOM OF THE HOLE. FROM 53.09-67.67m AND 69.19-87.48m NO CHIPS WERE RECOVERED DUE TO CAVES IN THE HOLE. THE OXIDE ZONES CONSIST OF BROWN CLAY WITH 30 TO 70% LIMESTONE CHIPS.

SURVEY DATA			GEOLOGY AND ASSAY RECORD														
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	3.66	3.66		NS										
			3.66	58.52	54.86		MLS										
			58.52	63.09	4.57		OX+ML										
			63.09	67.67	4.58		NS										
			67.67	69.19	1.52		MLS										
			69.19	87.48	18.29		NS										
			87.48	89.00	1.52		OX+ML										
								ASSAYS				Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM	
			3.66	5.18	1.52		MLS	13906	0			290	16600	<0.2	5	740	
			5.18	6.71	1.53		MLS	13907	0			67	2500	<0.2	<5	720	
			11.28	12.80	1.52		MLS	13908	0			86	1210	<0.2	5	530	
			17.37	18.90	1.53		MLS	13909	0			75	560	<0.2	<5	280	
			18.90	20.42	1.52		MLS	13910	0			40	570	<0.2	<5	320	
			20.42	21.95	1.53		MLS	13911	0			134	520	<0.2	<5	530	
			55.47	57.00	1.53		MLS	13912	0			<2	144	<0.2	<5	350	
			57.00	58.52	1.52		MLS	13913	0			18	156	<0.2	<5	370	
			58.52	60.05	1.53		ML+OX	13914	0			26	780	<0.2	<5	470	
			60.05	61.57	1.52		OX+ML	13915	0			40	1100	<0.2	5	560	
			61.57	63.09	1.52		OX+ML	13916	0			57	1520	<0.2	5	500	
			67.67	69.19	1.52		MLS	13917	0			56	720	<0.2	5	350	
			87.48	89.00	1.52		OX+ML	13918	0			71	900	<0.2	<5	1000	
			6.71	11.28	4.57		COMPO	13919	0			47	540	<0.2	<5	760	
			12.80	17.37	4.57		COMPO	13920	0			25	400	<0.2	<5	300	
			21.95	55.47	33.52		COMPO	13921	0			31	250	<0.2	<5	790	

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 288 - PAGE: 1 OF 3

AREA: BULL 7
CLAIM: BULL 7
SECTION: 1
CORE SIZE:
CORE RECOVERY:

DIP: -90 ° AZIMUTH (t): 0 °
NORTHING: 647955
EASTING: 424408
ELEVATION: 1508 m
CORE STORED AT: MW WAREHOUSE

DEPTH: 169.77m
DATE STARTED: OCTOBER 7 1986
DATE FINISHED: OCTOBER 8 1986
CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.
LOGGED BY: P. DONKERSLOOT

COMMENTS: THIS HOLE WAS A REDRILL OF MW 86 287. THE OXIDES IN THIS HOLE CONSIST OF BROWN MUD WITH 60 TO 70% LIMESTONE CHIPS.
21.36m OF PLASTIC PIPE WAS INSERTED IN THE HOLE.

SURVEY DATA

Depth	Dip	Az (t)
0.00	-90.00°	0.00°

GEOLOGY AND ASSAY RECORD

From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	5.18	5.18		AS										
5.18	21.95	16.77		MLS										
21.95	24.99	3.04		ML+OX										
24.99	65.84	40.85		MLS										
65.84	66.75	0.91		CAVE										
66.75	77.72	10.97		MLS										
77.72	78.18	0.46		CAVE										
78.18	98.15	19.97		MLS										
98.15	99.67	1.52		ML+OX										
99.67	110.34	10.67		MLS										
110.34	121.01	10.67		ML+OX										
121.01	169.77	48.76		MLS										
					ASSAYS									
9.75	11.28	1.53		MLS	13922	0			13	96	<0.2	280		
11.28	12.80	1.52		MLS	13923	0			61	176	<0.2	200		
17.37	18.90	1.53		MLS	13924	0			44	322	<0.2	450		
18.90	20.42	1.52		MLS	13925	0			31	285	<0.2	300		
20.42	21.95	1.53		ML+OX	13926	0			83	1410	<0.2	520		
21.95	23.47	1.52		ML+OX	13927	0			94	1300	<0.2	350		
23.47	24.99	1.52		ML+OX	13928	0			75	930	<0.2	270		
24.99	26.52	1.53		MLS	13929	0			24	368	<0.2	180		
26.52	28.04	1.52		MLS	13930	0			24	260	<0.2	220		
41.76	43.25	1.52		MLS	13931	0			30	460	<0.2	150		
61.57	63.09	1.52		MLS	13932	0			18	206	<0.2	310		
63.09	64.62	1.53		MLS	13933	0			21	170	<0.2	270		
64.62	66.14	1.52		MLS	13934	0			16	224	<0.2	120		
66.14	67.67	1.53		MLS	13935	0			34	273	<0.2	260		
					CONTINUED									

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 288 -- — PAGE: 2 OF: 3

AREA: — DIP: — AZIMUTH (t): — DEPTH:
CLAIM: — NORTHING: — DATE STARTED:
SECTION: — EASTING: — DATE FINISHED:
CORE SIZE: — ELEVATION: — CONTRACTOR:
CORE RECOVERY: — CORE STORED AT: — LOGGED BY:
COMMENTS:

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb PPM	Zn PPM	Ag PPM	Ba PPM		Ag gm/MT	Au gm/MT
			67.67	69.19	1.52		MLS	13936	0			15	150	<0.2	170			
			69.19	70.71	1.52		MLS	13937	0			545	480	0.2	710			
			70.71	72.24	1.53		MLS	13938	0			29	158	<0.2	430			
			72.24	73.76	1.52		MLS	13939	0			31	112	<0.2	220			
			73.76	75.29	1.53		MLS	13940	0			13	100	<0.2	280			
			75.29	76.81	1.52		MLS	13941	0			12	72	<0.2	200			
			76.81	78.33	1.52		MLS	13942	0			10	77	<0.2	280			
			78.33	79.86	1.53		MLS	13943	0			27	104	<0.2	580			
			79.86	81.38	1.52		MLS	13944	0			66	160	<0.2	270			
			81.38	82.91	1.53		MLS	13945	0			34	92	<0.2	240			
			95.10	96.62	1.52		MLS	13946	0			37	450	<0.2	730			
			96.62	98.15	1.53		MLS	13947	0			29	350	<0.2	770			
			98.15	99.67	1.52		ML+OX	13948	0			52	260	<0.2	1000			
			99.67	101.19	1.52		MLS	13949	0			18	210	<0.2	720			
			101.19	102.72	1.53		MLS	13950	0			31	390	<0.2	950			
			102.72	104.24	1.52		MLS	13951	0			42	520	<0.2	3000			
			104.24	105.77	1.53		MLS	13952	0			28	260	<0.2	720			
			105.77	107.29	1.52		MLS	13953	0			23	324	<0.2	890			
			107.29	108.82	1.53		MLS	13954	0			15	170	<0.2	860			
			108.82	110.34	1.52		MLS	13955	0			29	248	<0.2	1500			
			110.34	111.86	1.52		ML+OX	13956	0			21	296	<0.2	800			
			111.86	113.38	1.52		OX	13957	0			32	300	0.3	7100			
			113.38	114.9	1.53		OX+ML	13958	0			49	520	0.2	4000			
			114.91	116.43	1.52		ML+OX	13959	0			33	420	0.2	1600			
			116.43	117.96	1.53		ML+OX	13960	0			58	700	0.2	2600			
			117.96	119.48	1.52		ML+OX	13961	0			51	720	0.2	720			
			119.48	121.01	1.53		ML+OX	13962	0			27	392	<0.2	360			
			121.01	122.53	1.52		MLS	13963	0			24	336	<0.2	730			
			122.53	124.05	1.52		MLS	13964	0			13	110	<0.2	760			
			5.18	9.75	4.57		COMPO	13965	0			30	304	<0.2	230			
			12.80	17.37	4.57		COMPO	13966	0			11	360	<0.2	90			
								CONTINUED										

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 288 - PAGE 3 OF 3

AREA: DIP: AZIMUTH (I): DEPTH:
CLAIM: NORTHING: DATE STARTED:
SECTION: EASTING: DATE FINISHED:
CORE SIZE: ELEVATION: CONTRACTOR:
CORE RECOVERY: CORE STORED AT: LOGGED BY:
COMMENTS:

SURVEY DATA			GEOLOGY AND AS							ELEMENT	Pb	Zn	Ag	Ba		
Depth	Dip	Az (I)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	UNITS	PPM	PPM	PPM	PPM	Ag gm/MT	Au gm/MT
			23.04	41.76	18.72		COMPO	13967	0			11	158	<0.2	590		
			43.58	61.87	18.29		COMPO	13968	0			8	88	<0.2	260		
			124.05	146.91	22.86		COMPO	13969	0			16	68	<0.2	600		
			146.91	169.77	22.86		COMPO	13970	0			7	32	<0.2	220		

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 289 - — PAGE 1 OF 2

AREA: BULL 7 — DIP: -90 ° — AZIMUTH (t): 0 °

CLAIM: BULL 7 — NORTHING: 647865

SECTION: 1 — EASTING: 422330

CORE SIZE: — ELEVATION: 1523 m

CORE RECOVERY: — CORE STORED AT: MW WAREHOUSE

DEPTH: 127.10m

DATE STARTED: OCTOBER 9 1986

DATE FINISHED: OCTOBER 10 1986

CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.

LOGGED BY: P. DONKERSLOOT

COMMENTS: THE OXIDES CONSIST OF 80% YELLOW CLAY WITH 60 TO 70% MUDSTONE OR LIMESTONE CHIPS. FROM 64.62-72.24m AND FROM 99.67 TO 108.81m NO CHIPS WERE RECOVERED DUE TO CAVES IN THE LIMESTONE.

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	5.18	5.18		NS										
			5.18	8.23	3.05		OB										
			8.23	13.30	5.07		LS+OX										
			13.30	20.42	7.12		ML+OX										
			20.42	63.00	42.58		MLS										
			63.00	64.00	1.00		CAVE										
			64.00	64.62	0.62		MLS										
			64.62	72.24	7.62		NS										
			72.24	82.60	10.36		MLS										
			82.60	82.91	0.31		CAVE										
			82.91	98.45	15.54		MLS										
			98.45	108.81	10.36		NS										
			108.81	127.10	18.29		MLS										
								ASSAYS										
			8.23	9.75	1.52		LS+OX	13971	0			59	550	2.4		6000	
			9.75	11.28	1.53		LS+OX	13972	0			109	710	2.8		6800	
			11.28	12.80	1.52		LS+OX	13973	0			21	3600	0.9		1900	
			12.80	14.33	1.53		ML+OX	13974	0			24	3200	0.9		1900	
			14.33	15.85	1.52		ML+OX	13975	0			14	1780	0.2		1000	
			15.85	17.37	1.52		ML+OX	13976	0			43	1930	0.2		960	
			17.37	18.90	1.53		ML+OX	13977	0			50	7000	0.4		1400	
			18.90	20.42	1.52		ML+OX	13978	0			43	3400	0.4		910	
			20.42	21.95	1.53		MLS	13979	0			29	1260	<0.2		1200	
			21.95	23.47	1.52		MLS	13980	0			22	640	<0.2		1100	
			78.33	79.86	1.53		MLS	13981	0			19	230	0.2		110	
			79.86	81.38	1.52		MLS	13982	0			14	152	<0.2		60	
			81.38	82.91	1.53		MLS	13983	0			17	194	<0.2		90	
								CONTINUED										

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 289 - PAGE 2 OF 2

AREA: DIP: AZIMUTH (t): DEPTH:

CLAIM: NORTHING: DATE STARTED:

SECTION: EASTING: DATE FINISHED:

CORE SIZE: ELEVATION: CONTRACTOR:

CORE RECOVERY: CORE STORED AT: LOGGED BY:

COMMENTS:

SURVEY DATA			GEOLOGY AND A							ELEMENT	Pb	Zn	Ag	Au	Ba		
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	UNITS	PPM	PPM	PPM	PPB	PPM	t/MT	Au gm/MT
			82.91	84.43	1.52		MLS	13984	0			19	296	<0.2		130		
			84.43	85.95	1.52		MLS	13985	0			11	203	0.2		70		
			5.18	8.23	3.05		COMPO	13986	0			24	460	0.2		530		
			23.47	78.33	54.86		COMPO	13987	0			5	150	<0.2		210		
			85.95	127.10	41.15		COMPO	13988	0			15	90	<0.2		270		

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 290 - — PAGE 1 OF 1

AREA: BULL 7
CLAIM: BULL 7
SECTION: 1
CORE SIZE:
CORE RECOVERY:

DIP: -90 ° AZIMUTH (t): 0 °
NORTHING: 647775
EASTING: 422272
ELEVATION: 1540 m
CORE STORED AT: MW WAREHOUSE

DEPTH: 93.57m
DATE STARTED: OCTOBER 11 1986
DATE FINISHED: OCTOBER 12 1986
CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.
LOGGED BY: P. DONKERSLOOT

COMMENTS: HOLE WAS ABANDONED DUE TO HIGH TORQUE ENCOUNTERED WHILE DRILLING THROUGH CAVES. THE OXIDES CONSIST OF BROWN MUD WITH 60 TO 70% MUDSTONE OR LIMESTONE CHIPS. FROM 90.53 TO 93.57m NO CHIPS WERE RECOVERED DUE TO CAVES IN THE GROUND. THE GOUGE UNIT CONSISTS OF LIGHT GREY CLAY.

SURVEY DATA

Depth	Dip	Az (t)
0.00	-90.00°	0.00°

GEOLOGY AND ASSAY RECORD

From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	3.66	3.66		NS										
3.66	28.04	24.38		LSY										
28.04	44.81	16.77		LS+OX										
44.81	58.80	13.99		LSY										
58.80	59.50	0.70		GOUGE										
59.50	63.09	3.59		LSY										
63.09	64.62	1.53		LS+OX										
64.62	67.67	3.05		ML+OX										
67.67	90.53	22.86		MLS										
90.53	93.57	3.04		NS										

ASSAYS

From (m)	To (m)	Int. (m)	Geology	Sample No.	Rec. %	ELEMENT / UNITS	Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM
28.04	34.14	6.10	LS+OX	18201	0		430	272	0.3		2900
34.14	40.23	6.09	LS+OX	18202	0		57	100	<0.2		1900
40.23	46.33	6.10	LS+OX	18203	0		36	94	<0.2		2000
46.33	52.43	6.10	LSY	18204	0		25	98	<0.2		2100
52.43	58.52	6.09	LSY	18205	0		19	174	<0.2		3500
58.52	63.09	4.57	LSY	18206	0		24	180	<0.2		3700
63.09	64.62	1.53	LS+OX	18207	0		43	460	<0.2		5000
64.62	66.14	1.52	ML+OX	18208	0		164	480	<0.2		1900
66.14	67.67	1.53	ML+OX	18209	0		34	335	<0.2		860
67.67	69.19	1.52	MLS	18210	0		12	114	<0.2		330
89.00	90.53	1.53	MLS	18211	0		53	290	<0.2		80
3.66	28.04	24.38	COMPO	18212	0		18	170	<0.2		2200
69.19	72.24	3.05	COMPO	18213	0		22	182	<0.2		110

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 291 - — PAGE 1 OF 2

AREA: BULL 7 — DIP: -90 ° — AZIMUTH (t): 0 ° — DEPTH: 108.20m

CLAIM: BULL 7 — NORTHING: 647550 — DATE STARTED: OCTOBER 12 1986

SECTION: 2 — EASTING: 422340 — DATE FINISHED: OCTOBER 13 1986

CORE SIZE: — ELEVATION: 1495 m — CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.

CORE RECOVERY: — CORE STORED AT: MW WAREHOUSE — LOGGED BY: P. DONKERSLOOT

COMMENTS: HOLE WAS ABANDONED DUE TO HIGH TORQUE. THE OXIDES CONSIST OF BROWN MUD WITH 45 TO 60% MUDSTONE OR LIMESTONE CHIPS. HOLE WAS DRILLED AT THE LOCATION OF A P.E.M ANOMALY.

SURVEY DATA

Depth	Dip	Az (t)
0.00	-90.00°	0.00°

GEOLOGY AND ASSAY RECORD

From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	3.05	3.05		MS										
3.05	64.62	61.57		LSY										
64.62	69.19	4.57		LS+OX										
69.19	72.24	3.05		ML+OX										
72.24	82.91	10.67		MLS										
82.91	84.43	1.52		ML+OX										
84.43	85.95	1.52		MLS										
85.95	89.00	3.05		ML+OX										
89.00	108.20	19.20		MLS										
					ASSAYS									
42.28	48.38	6.10		LSY	18214	0			16	75	0.2	2200		
48.38	55.47	6.09		LSY	18215	0			20	60	<0.2	1900		
55.47	61.57	6.10		LSY	18216	0			19	180	<0.2	2600		
61.57	64.62	3.05		LSY	18217	0			22	440	<0.2	4200		
64.62	66.14	1.52		LS+OX	18218	0			24	490	<0.2	3900		
66.14	67.67	1.53		LS+OX	18219	0			23	420	<0.2	3900		
67.67	69.19	1.52		LS+OX	18220	0			66	520	0.2	4300		
69.19	70.71	1.52		ML+OX	18221	0			85	840	0.4	1500		
70.71	72.24	1.53		ML+OX	18222	0			42	640	0.2	800		
72.24	73.76	1.52		MLS	18223	0			21	180	<0.2	320		
82.91	84.43	1.52		ML+OX	18224	0			37	530	0.5	350		
84.43	85.95	1.52		MLS	18225	0			19	240	0.2	170		
85.95	87.47	1.52		ML+OX	18226	0			64	980	0.5	720		
87.47	89.00	1.53		ML+OX	18227	0			47	670	0.3	490		
89.00	90.53	1.53		MLS	18228	0			27	315	0.2	220		
3.05	23.47	20.42		COMPO	18229	0			29	170	0.3	1900		
23.47	42.28	19.61		COMPO	18230	0			31	85	<0.2	2000		
					CONTINUED									

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY MIDWAY D.D.H. MW 86 - 291 - PAGE 2 OF 2

AREA: DIP: AZIMUTH (t): DEPTH:
CLAIM: NORTHING: DATE STARTED:
SECTION: EASTING: DATE FINISHED:
CORE SIZE: ELEVATION: CONTRACTOR:
CORE RECOVERY: CORE STORED AT: LOGGED BY:
COMMENTS:

SURVEY DATA			GEOLOGY AND AS							ELEMENT	Pb	Zn	Ag	Ba			
Depth	Dip	Az (t)	From (m)	To (m)	Int. (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	UNITS	PPM	PPM	PPM	PPM	Ag gm/MT	Au gm/MT
			73.75	82.5	8.75		COMPO	18231	0			18	153	<0.2	210		
			90.52	108.19	17.67		COMPO	18232	0			10	115	<0.2	590		

DDH - 86 - 10

REGIONAL RESOURCES LTD. — DIAMOND DRILL RECORD

PROPERTY: MIDWAY — D.D.H.: MW 86 - 292 - — PAGE 1 OF 1

AREA: BULL 7 — DIP: -90 ° — AZIMUTH (t): 0 ° — DEPTH: 102.72m

CLAIM: BULL 7 — NORTHING: 647625 — DATE STARTED: OCTOBER 13 1986

SECTION: 2 — EASTING: 422420 — DATE FINISHED: OCTOBER 14 1986

CORE SIZE: — ELEVATION: 1488 m — CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.

CORE RECOVERY: ____ ____ CORE STORED AT: MW WAREHOUSE — LOGGED BY: P. DONKERSLOOT

COMMENTS: 102m OF PLASTIC PIPE WAS INSERTED IN THE HOLE. THE OXIDES CONSIST OF BROWN MUD WITH UP TO 75% MUDSTONE OR LIMESTONE OR LIMONITE CHIPS.

SURVEY DATA

Depth	Dip	Az (t)
0.00	-90.00°	0.00°

GEOLOGY AND ASSAY RECORD

From (m)	To (m)	Int (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	5.18	5.18		NS										
5.18	35.66	30.48		LSY										
35.66	47.85	12.19		LS+OX										
47.85	49.38	1.53		LSY										
49.38	50.90	1.52		LS+OX										
50.90	52.42	1.52		OX										
52.42	58.52	6.10		ML+OX										
58.52	103.12	44.60		MLS										
					ASSAYS			ELEMENT / UNITS	Pb PPM	Zn PPM	Ag PPM	Ba PPM		
35.66	41.75	6.10		LS+OX	18233	0			23	105	<0.2	1200		
41.75	47.85	6.03		LS+OX	18234	0			67	220	<0.2	3200		
47.85	49.38	1.53		LSY	18235	0			26	398	<0.2	4800		
49.38	50.90	1.52		OX+LS	18236	0			50	395	<0.2	4900		
50.90	52.42	1.52		OX	18237	0			152	780	0.3	3900		
52.42	53.95	1.53		ML+OX	18238	0			66	1400	0.5	1600		
53.95	55.47	1.53		ML+OX	18239	0			62	1000	0.2	1500		
55.47	57.00	1.53		OX+ML	18240	0			75	1560	0.4	2000		
57.00	58.52	1.52		OX+ML	18241	0			50	640	<0.2	1900		
58.52	60.04	1.52		MLS	18242	0			15	245	<0.2	740		
5.18	35.66	30.48		COMPO	18243	0			45	145	<0.2	1600		
60.04	91.39	31.34		COMPO	18244	0			15	80	<0.2	710		
91.39	102.72	11.34		COMPO	18245	0			13	65	0.2	910		

REGIONAL RESOURCES LTD.

DIAMOND DRILL RECORD

PROPERTY: MIDWAY D.D.H.: MW 86 - 295 - PAGE 1 OF 1

AREA: BULL 7 DIP: -90 ° AZIMUTH (t): 0 ° DEPTH: 78.64m

CLAIM: BULL 7 NORTHING: 647687 DATE STARTED: OCTOBER14 1986

SECTION: P EASTING: 422490 DATE FINISHED: OCTOBER 14 1986

CORE SIZE: ELEVATION: 1459 m CONTRACTOR: MIDNIGHT SUN DRLNG CO.LTD.

CORE RECOVERY: CORE STORED AT: MW WAREHOUSE LOGGED BY: P. DONKERSLOOT

COMMENTS: FROM 53.44 TO 78.64m NO CHIPS WERE RECOVERED DUE TO CAVES IN THE LIMESTONE. THE OXIDES CONSIST OF BROWN MUD WITH 50% MUDSTONE OR LIMESTONE CHIPS.

SURVEY DATA			GEOLOGY AND ASSAY RECORD															
Depth	Dip	Az (t)	From (m)	To (m)	Int (m)	T.W. (m)	Geology	Sample No.	Rec. %	S.G.	Ag oz/t	Pb %	Zn %	Au oz/t	Fe %	Ag gm/MT	Au gm/MT
0.00	-90.00°	0.00°	0.00	4.57	4.57		NS										
			4.57	21.95	17.38		LSY										
			21.95	24.00	2.05		LS+OX										
			24.00	25.00	1.00		ML+OX										
			25.00	53.44	34.44		MLS										
			53.44	78.64	15.20		NS										
								ASSAYS			ELEMENT	Pb	Zn	Ag	Ba		
											UNITS	PPM	PPM	PPM	PPM		
			14.33	20.42	6.09		LSY	18246	0			34	110	<0.2	4500		
			20.42	21.95	1.53		LSY	18247	0			38	140	<0.2	4700		
			21.95	23.47	1.52		OX+LS	18248	0			195	1300	0.2	9700		
			23.47	24.99	1.52		ML+OX	18249	0			570	17000	1.9	4200=		
			24.99	26.52	1.53		MLS	18250	0			172	8800	0.5	1400		
			26.52	28.04	1.52		MLS	18251	0			62	3100	0.5	550		
			4.57	14.33	9.76		COMPO	18252	0			36	108	0.2	2500		
			28.04	78.64	50.60		COMPO	18253	0			65	1100	0.3	670		

APPENDIX "G"

A S S A Y A N D A N A L Y S I S R E C O R D S S H E E T S

- CHIPS

C E R T I F I C A T E S O F A N A L Y S I S - CHIPS

NOTE: The first three digits of the sample number are the drill hole number i.e., 285-13851 denotes RCD MW-86-285.

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Geochemical Lab Report

REPORT: 126-5532 | PROJECT: MIDWAY | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM
R2 285-13851		280	2500	0.4	5	1700=
R2 285-13852		330	4600	0.4	10	2200
R2 285-13853		1280	9200	1.1	15	2700
R2 285-13854		760	6900	1.0	<5	1500
R2 285-13855		560	5000	0.9	5	2300
R2 285-13856		440	6400	0.8	10	3300
R2 285-13857		270	4800	0.4	5	1800
R2 285-13858		149	4000	0.2	<5	4200
R2 285-13859		28	830	<0.2	5	820
R2 285-13860		16	440	<0.2	<5	330
R2 285-13861		6	224	<0.2	<5	640
R2 285-13862		60	1200	<0.2	<5	1900
R2 285-13863		32	540	<0.2	<5	490
R2 285-13864		74	860	<0.2	<5	840
R2 285-13865		24	320	<0.2	<5	260
R2 285-13866		4	200	<0.2	5	980
R2 285-13867		3	140	<0.2	<5	790
R2 285-13868		<2	95	<0.2	<5	800
R2 286-13869		34	500	<0.2	5	4300
R2 286-13870		21	188	<0.2	<5	3900
R2 286-13871		18	220	<0.2	<5	3400
R2 286-13872		32	160	<0.2	10	4200
R2 286-13873		57	350	<0.2	5	5400
R2 286-13874		78	860	0.2	10	4100
R2 286-13875		10	145	<0.2	10	960
R2 286-13876		29	324	<0.2	10	2400
R2 286-13877		85	820	<0.2	<5	2900
R2 286-13878		75	1080	<0.2	5	2000
R2 286-13879		34	770	<0.2	<5	1200
R2 286-13880		35	880	<0.2	5	1400
R2 286-13881		112	1360	<0.2	<5	1400
R2 286-13882		95	1260	<0.2	<5	1600
R2 286-13883		92	1900	<0.2	5	1200
R2 286-13884		34	880	<0.2	5	640
R2 286-13885		6	280	<0.2	<5	150
R2 286-13886		14	232	<0.2	<5	370
R2 286-13887		27	640	<0.2	<5	400
R2 286-13888		7	279	<0.2	<5	290
R2 286-13889		42	920	<0.2	<5	520
R2 286-13890		22	490	<0.2	10	210

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Geochemical Lab Report

REPORT: 126-5532 | PROJECT: MIDWAY | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM
R2 286-13891		19	470	<0.2	<5	160
R2 286-13892		23	480	<0.2	<5	220
R2 286-13893		9	96	<0.2	<5	110
R2 286-13894		4	168	<0.2	<5	40
R2 286-13895		4	200	<0.2	5	90
R2 286-13896		12	200	<0.2	<5	410
R2 285-13897		23	520	<0.2	<5	630
R2 285-13898		15	352	<0.2	<5	160
R2 285-13899		82	124	<0.2	<5	290
R2 285-13900		32	36	<0.2	<5	1200
R2 286-13901		46	82	<0.2	<5	2800
R2 286-13902		3	136	<0.2	<5	150
R2 286-13903		5	152	<0.2	<5	380
R2 286-13904		<2	50	<0.2	<5	370
R2 286-13905		6	45	<0.2	<5	830
R2 287-13906		290	16600	<0.2	5	740
R2 287-13907		67	2500	<0.2	<5	720
R2 287-13908		86	1210	<0.2	5	530
R2 287-13909		75	560	<0.2	<5	280
R2 287-13910		40	570	<0.2	<5	320
R2 287-13911		134	520	<0.2	<5	530
R2 287-13912		<2	144	<0.2	<5	350
R2 287-13913		18	156	<0.2	<5	370
R2 287-13914		26	780	<0.2	<5	470
R2 287-13915		40	1100	<0.2	5	560
R2 287-13916		57	1520	<0.2	5	500
R2 287-13917		56	720	<0.2	5	350
R2 287-13918		71	900	<0.2	<5	1000
R2 287-13919		47	540	<0.2	<5	760
R2 287-13920		25	400	<0.2	<5	300
R2 287-13921		31	250	<0.2	<5	790

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Geochemical Lab Report

REPORT: 126-5459 | PROJECT: MIDWAY | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Ba PPM	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Ba PPM
R2 288-13922		13	96	<0.2	280	R2 288-13962		27	392	<0.2	360
R2 288-13923		61	176	<0.2	200	R2 288-13963		24	336	<0.2	730
R2 288-13924		44	322	<0.2	450	R2 288-13964		13	110	<0.2	760
R2 288-13925		31	285	<0.2	300	R2 288-13965		30	304	<0.2	230
R2 288-13926		83	1410	<0.2	520	R2 288-13966		11	360	<0.2	90
R2 288-13927		94	1300	<0.2	350	R2 288-13967		11	158	<0.2	590
R2 288-13928		75	930	<0.2	270	R2 288-13968		8	88	<0.2	260
R2 288-13929		24	368	<0.2	180	R2 288-13969		16	68	<0.2	600
R2 288-13930		24	260	<0.2	220	R2 288-13970		7	32	<0.2	220
R2 288-13931		30	460	<0.2	150						
R2 288-13932		18	206	<0.2	310						
R2 288-13933		21	170	<0.2	270						
R2 288-13934		16	224	<0.2	120						
R2 288-13935		34	273	<0.2	260						
R2 288-13936		15	150	<0.2	170						
R2 288-13937		545	480	0.2	710						
R2 288-13938		29	158	<0.2	430						
R2 288-13939		31	112	<0.2	220						
R2 288-13940		13	100	<0.2	280						
R2 288-13941		12	72	<0.2	200						
R2 288-13942		10	77	<0.2	280						
R2 288-13943		27	104	<0.2	580						
R2 288-13944		66	160	<0.2	270						
R2 288-13945		34	92	<0.2	240						
R2 288-13946		37	450	<0.2	730						
R2 288-13947		28	260	<0.2	720						
R2 288-13948		23	324	<0.2	890						
R2 288-13949		15	170	<0.2	860						
R2 288-13950		29	248	<0.2	1500						
R2 288-13951		21	296	<0.2	800						
R2 288-13952		29	350	<0.2	770						
R2 288-13953		52	260	<0.2	1000						
R2 288-13954		18	210	<0.2	720						
R2 288-13955		31	390	<0.2	950						
R2 288-13956		42	520	<0.2	3000						
R2 288-13957		32	300	0.3	7100						
R2 288-13958		49	520	0.2	4000						
R2 288-13959		33	420	0.2	1600						
R2 288-13960		58	700	0.2	2600						
R2 288-13961		51	720	0.2	720						

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Geochemical Lab Report

REPORT: 126-5677 | PROJECT: MIDWAY | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM	Ba PCT
R2 289-13971		59	550	2.4		6000	
R2 289-13972		109	710	2.8		6800	
R2 289-13973		21	3600	0.9		1900	
R2 289-13974		24	3200	0.9		1900	
R2 289-13975		14	1780	0.2		1000	
R2 289-13976		43	1930	0.2		960	
R2 289-13977		50	7000	0.4		1400	
R2 289-13978		43	3400	0.4		910	
R2 289-13979		29	1260	<0.2		1200	
R2 289-13980		22	640	<0.2		1100	
R2 289-13981		19	230	0.2		110	
R2 289-13982		14	152	<0.2		60	
R2 289-13983		17	194	<0.2		90	
R2 289-13984		19	296	<0.2		130	
R2 289-13985		11	203	0.2		70	
R2 289-13986		24	460	0.2		530	
R2 289-13987		5	150	<0.2		210	
R2 289-13988		15	90	<0.2		270	
R2 289-15331		5840	4100	5.6	780	>20000	5.3
R2 289-15332		5910	6800	14.0	760	>20000	17.0
R2 289-15333		>10000	15800	14.0	240	>20000	10.0
R2 289-15334		>10000	11600	15.0	260	>20000	12.0
R2 290-18201		430	272	0.3		2900	
R2 290-18202		57	100	<0.2		1900	
R2 290-18203		36	94	<0.2		2000	
R2 290-18204		25	98	<0.2		2100	
R2 290-18205		19	174	<0.2		3500	
R2 290-18206		24	180	<0.2		3700	
R2 290-18207		43	460	<0.2		5000	
R2 290-18208		164	480	<0.2		1900	
R2 290-18209		34	335	<0.2		860	
R2 290-18210		12	114	<0.2		330	
R2 290-18211		53	290	<0.2		80	
R2 290-18212		18	170	<0.2		2200	
R2 290-18213		22	182	<0.2		110	

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Geochemical Lab Report

REPORT: 126-5858 | PROJECT: MIDWAY | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Ba PPM
R2 291-18214		16	75	0.2	2200
R2 291-18215		20	60	<0.2	1900
R2 291-18216		19	180	<0.2	2600
R2 291-18217		22	440	<0.2	4200
R2 291-18218		24	490	<0.2	3900
R2 291-18219		23	420	<0.2	3900
R2 291-18220		66	520	0.2	4300
R2 291-18221		85	840	0.4	1500
R2 291-18222		42	640	0.2	800
R2 291-18223		21	180	<0.2	320
R2 291-18224		37	530	0.5	350
R2 291-18225		19	240	0.2	170
R2 291-18226		64	980	0.5	720
R2 291-18227		47	670	0.3	490
R2 291-18228		27	315	0.2	220
R2 291-18229		29	170	0.3	1900
R2 291-18230		31	85	<0.2	2000
R2 291-18231		18	153	<0.2	210
R2 291-18232		10	115	<0.2	590
R2 292-18233		23	105	<0.2	1200
R2 292-18234		67	220	<0.2	3200
R2 292-18235		26	398	<0.2	4800
R2 292-18236		50	395	<0.2	4900
R2 292-18237		152	780	0.3	3900
R2 292-18238		66	1400	0.5	1600
R2 292-18239		62	1000	0.2	1500
R2 292-18240		75	1560	0.4	2000
R2 292-18241		50	640	<0.2	1900
R2 292-18242		15	245	<0.2	740
R2 292-18243		45	145	<0.2	1600
R2 292-18244		15	80	<0.2	710
R2 292-18245		13	65	0.2	910
R2 295-18246		34	110	<0.2	4500
R2 295-18247		38	140	<0.2	4700
R2 295-18248		195	1300	0.2	9700
R2 295-18249		570	17000	1.9	4200=
R2 295-18250		172	8800	0.5	1400
R2 295-18251		62	3100	0.5	550
R2 295-18252		36	108	0.2	2500
R2 295-18253		65	1100	0.3	670

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Certificate of Analysis

REPORT: 626-5677 | PROJECT: MIDWAY | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT
R2 289-15333		4.12
R2 289-15334		2.50

Registered Assayer, Province of British Columbia

YUKON

BRITISH COLUMBIA

WAY 9 | WAY 8 | WAY 7 | WAY 3 | WAY 2 | WAY 1

WAY 35 Fr

WAY 34 Fr

WAY 33 Fr

WAY 32 Fr

WAY 31 Fr

WAY 30 Fr

WAY 29 Fr

WAY 27 Fr

WAY 25 Fr

WAY 24 Fr

WAY 26 Fr

BULL 14

BULL 13

BULL 7

BULL 8

BULL 5

BULL 1

BULL 2

BULL 4 Fr

BULL 24 Fr

BULL 25 Fr

BULL 26 Fr

BULL 22

BULL 23

BULL 16

BULL 17

BULL 21

BULL 20

BULL 19

BULL 18

BULL 11 Fr

BULL 10

BULL 27 Fr

BULL 15 Fr STAR 2 Fr

WAY 12 | WAY 11 | WAY 10 | WAY 6 | WAY 5 | WAY 4 | WAY 13

WAY 18 | WAY 17 | WAY 16 | WAY 15 | WAY 14

WAY 23 | WAY 22 | WAY 21 | WAY 20 | WAY 19

SILVERKNIFE 1

SILVERSPOON 1

SILVERSPOON 2

SILVERKNIFE 2

TOOTS 4

CLIMAX 12

CLIMAX 1

CLIMAX 11

BETH 1

RENEE 1

BETH 4

CLIMAX 7

STAR 3

CLIMAX 6

CLIMAX 2

CLIMAX 14 fr

BETH 2

BETH 3

CLIMAX 3

CLIMAX 4

CLIMAX 5

CLIMAX 13

CLIMAX 16 Fr

CLIMAX 15 Fr

CLIMAX 8

CLIMAX 9

CLIMAX 10

POST 16

POST 14

POST 15

POST 1

POST 2

POST 4 Fr

POST 5 Fr

POST 3

POST 11

POST 12

POST 13

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

EXPLANATION

○ LOCATION OF LEGAL CORNER POST

NOTE : UNSURVEYED CLAIMS ARE LETTERED IN ITALICS (eg. POST 16)

CLAIMS BULL 9, 13 & 14 ARE IN DISPUTE

REGIONAL RESOURCES LTD.
-of-
CANAMAX RESOURCES INC.

MIDWAY PROPERTY

SURVEYED CLAIMS

LIARD MINING DIVISION, B.C. (104 O/6, 104 P/3)

WATSON LAKE MINING DISTRICT, Y.T. (105 B)

1 : 50,000

CORDILLERAN ENGINEERING

NOV. 1985

PLATE I

15200E 15400E 15600E 15800E 16000E 16200E 16400E 16600E 16800E 17000E 17200E 17400E

17400N 17200N 17000N 16800N 16600N 16400N 16200N 16000N 15800N 15600N 15400N 15200N

166 N B/L

165 E B/L

WAY 13

N

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,560

LEGEND

- • no sample
- ⊡ less than 0.9
- ▣ 0.9 to less than 2
- ▣ 2 to less than 4.3
- ▣ greater than or equal to 4.3
- —— cut line, 1986

REGIONAL RESOURCES LTD.

MIDWAY PROJECT
KEYSTONE MOUNTAIN GRID
AG SOIL GEOCHEM (PPM)

0 100 200 300 metres

Date: 26-NOV-86 | PLATE 2

Plotted by Bondar-Clegg Computer Services

15200E 15400E 15600E 15800E 16000E 16200E 16400E 16600E 16800E 17000E 17200E 17400E

17400N
17200N
17000N
16800N
16600N
16400N
16200N
16000N
15800N
15600N
15400N
15200N

166N B/L

165E B/L

WAY 13

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

LEGEND

- • no sample
- less than 59
- 59 to less than 142
- 142 to less than 344
- greater than or equal to 344
- cut line, 1986

REGIONAL RESOURCES LTD.

MIDWAY PROJECT
KEYSTONE MOUNTAIN GRID
PB SOIL GEOCHEM (PPM)

0 100 200 300 metres

Date: 26-NOV-86 | PLATE 3

Plotted by Bonder-Clegg Computer Services

15200E 15400E 15600E 15800E 16000E 16200E 16400E 16600E 16800E 17000E 17200E 17400E

17400N
17200N
17000N
16800N
16600N
16400N
16200N
16000N
15800N
15600N
15400N
15200N

166 N B/L

165 E B/L

WAY 13

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

LEGEND

- no sample
- less than 245 ppm
- 245 to less than 486 ppm
- 486 to less than 965 ppm
- greater than or equal to 965 ppm
- cut line, 1986

REGIONAL RESOURCES LTD.

MIDWAY PROJECT
KEYSTONE MOUNTAIN GRID
ZN SOIL GEOCHEM (PPM)

0 100 200 300 metres

Date: 26-NOV-86 | PLATE 4

Plotted by Bender-Clegg Computer Services

1600E 1800E 422,000 E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 424,000 E 4000E 4200E 4400E 4600E

6,638,000 N — 6000N — 5800N — 5600N — 5400N — 5200N — 5000N — 4800N — 4600N — 4400N — 4200N — 6,636,000 N — 4000N — 3800N — 3600N — 3400N — 3200N — 3000N — 2800N — 2600N — 2400N — 2200N — 6,634,000 N

CLIMAX 2

BETH 2

CLIMAX 3

CLIMAX 4

CLIMAX 16 Fr.

CLIMAX 15 Fr.

CLIMAX 13

CLIMAX 8

CLIMAX 9

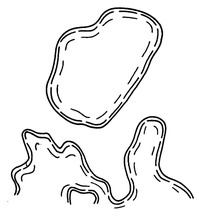
DONEGAL MTN.

POST 14

POST 15

POST 1

TABLE MTN.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

LEGEND

- • no value
- ◻ less than 0.9
- ◘ 0.9 to less than 2
- ▣ 2 to less than 4.3
- ▣ greater than or equal to 4.3

CUT LINES 1986

CLAIM LINES

LEGAL CORNER POST

CORNER POST

REGIONAL RESOURCES LTD.

MIDWAY PROJECT
DONEGAL MTN. GRID
AG SOIL GEOCHEM (PPM)

0 100 200 300 400 metres

Date: 9-OCT-86 | PLATE 5

Bondar-Clegg & Company Ltd.

CLIMAX 2

BETH 2

CLIMAX 3

CLIMAX 4

CLIMAX 16 Fr.

CLIMAX 15 Fr.

CLIMAX 13

CLIMAX 8

CLIMAX 9

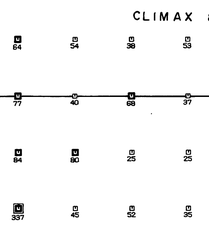
DONEGAL MTN.

POST 14

POST 1

TABLE MTN.

POST 15



1600E 1800E 422,000 E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 424,000 E 4000E 4200E 4400E 4600E

6,638,000 N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 6,636,000 N 4000N 3800N 3600N 3400N 3200N 3000N 2800N 2600N 2400N 2200N 6,634,000 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

LEGEND

- • no value
- ▫ less than 59
- ◘ 59 to less than 142
- ▣ 142 to less than 344
- ▩ greater than or equal to 344

CUT LINES 1986

CLAIM LINES

LEGAL CORNER POST

CORNER POST

REGIONAL RESOURCES LTD.

MIDWAY PROJECT
DONEGAL MTN. GRID
PB SOIL GEOCHEM (PPM)

0 100 200 300 400 metres

Date: 9-OCT-86 | PLATE 6

Bondar-Clegg & Company Ltd.

CLIMAX 2

BETH 2

CLIMAX 3

CLIMAX 4

CLIMAX 16 Fr.

CLIMAX 15 Fr.

CLIMAX 13

CLIMAX 8

CLIMAX 9

DONEGAL MTN.

TABLE MTN.

POST 14

POST 1

POST 15

1600E 1800E 422,000 E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 424,000 E 4000E 4200E 4400E 4600E

6,638,000 N

6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N 3800N 3600N 3400N 3200N 3000N 2800N 2600N 2400N 2200N

6,636,000 N

6,634,000 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

LEGEND

- no value
- less than 245
- 245 to less than 486
- 486 to less than 965
- greater than or equal to 965

CUT LINES 1986

CLAIM LINES

LEGAL CORNER POST

CORNER POST

REGIONAL RESOURCES LTD.

MIDWAY PROJECT
DONEGAL MTN. GRID
ZN SOIL GEOCHEM (PPM)

0 100 200 300 400 metres

Date: 9-OCT-86 | PLATE 7

Bonder-Clegg & Company Ltd.

SMOKE MTN.

CLIMAX 3

CLIMAX 4

TIGER TERRACE

CLIMAX 13

CLIMAX 16 Fr.

CLIMAX 15 Fr.

CLIMAX 9

CLIMAX 8

DONEGAL MTN.

CLIMAX 8

CLIMAX 9

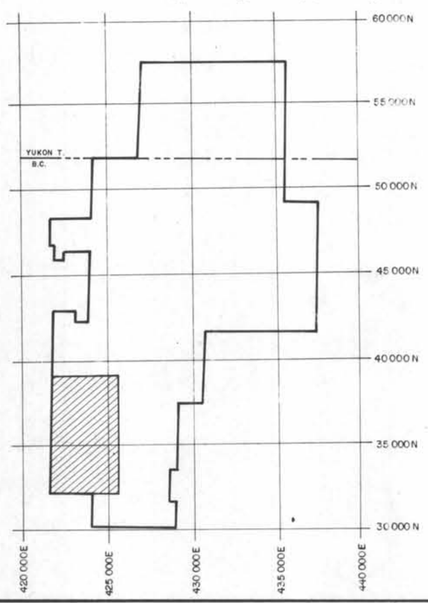
POST 16

POST 15

TABLE MTN.

POST 14

POST 1



L E G E N D

58 Station with reading in nt

Contour interval : 20 nt

Base 58 000 nt

Instrument : EDA OMNI 4 BASE STATION & FIELD MAGNETOMETER

Operator : G. Lafortune

Plotted and contoured by : Data Plotting Services

Claim post, line

Cut line

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

No.	DATE	REVISION

CLIENT

REGIONAL RESOURCES LTD.

PROJECT

MIDWAY PROJECT
LIARD MINING DIVISION, BRITISH COLUMBIA

TITLE

DONEGAL MOUNTAIN GRID
MAGNETOMETER SURVEY

SCALE 0 50 100 200 300 m
1 : 5 000

DATE 1986-12-24

DESIGNED | DRAWN E.S. | APPROVAL

STRATHCONA MINERAL SERVICES LIMITED
12th Floor, 20 Toronto Street, Toronto, Ontario, Canada M5C 2B8

PROJECT No. 1|8|0|2|-|1

DRAWING No. PLATE 8

REVISION

99N
98N
97N
96N
95N
94N
93N
92N
91N
90N
89N
88N
87N
86N

41 500N
41 000N
40 500N

CLIMAX 12
CLIMAX 11
CLIMAX 12
CLIMAX 11
CLIMAX I
BETH I
CLIMAX II
CLIMAX I

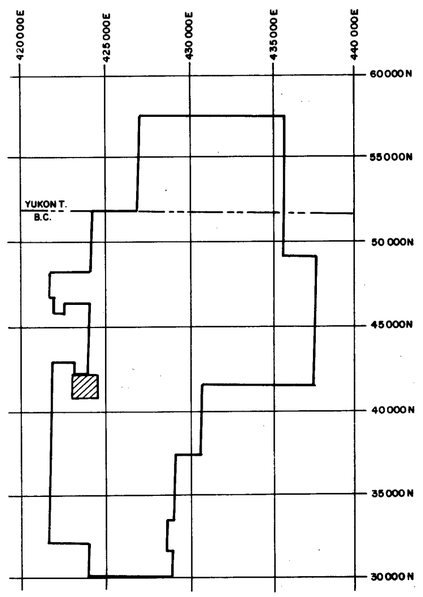
BULL 21
BULL 20
BULL 15 Fr.

MW86-276
MW86-293
MW86-274
LCP CLIMAX 12

Tour Creek
Tip Creek
Silver Lake

2800E
3000E
3200E
3400E
BL 3600E
3800E
4000E

23 000E
23 500E
24 000E
24 500E



INDEX MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

No.	DATE	REVISION

CLIENT
REGIONAL RESOURCES LTD.

PROJECT
MIDWAY PROJECT
LIARD MINING DIVISION, BRITISH COLUMBIA

TITLE
TRICORN/TOUR CREEK

SCALE 0 50 100 200 m
1:5000

DATE

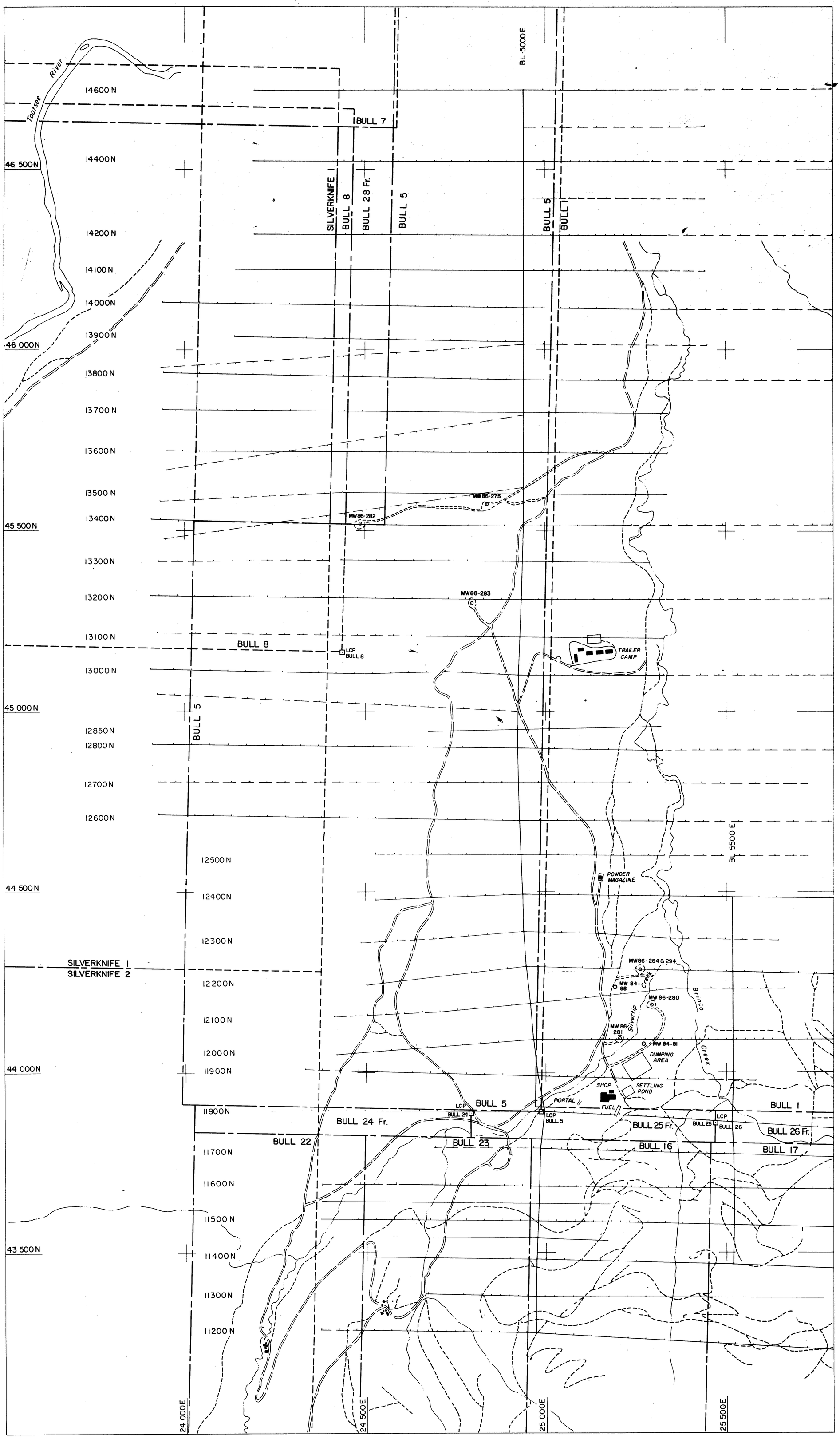
DESIGNED | DRAWN | APPROVAL

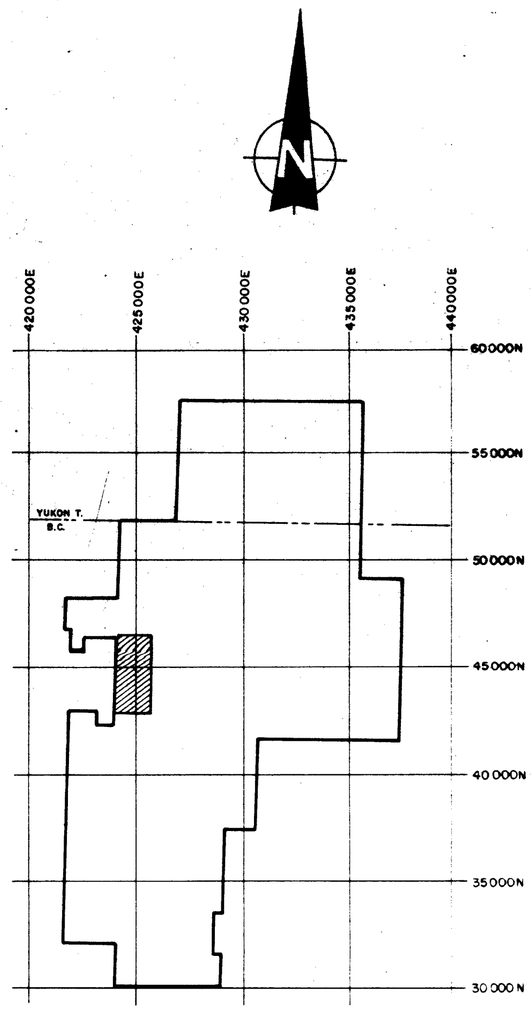
STRATHCONA MINERAL SERVICES LIMITED
12th Floor, 20 Toronto Street, Toronto, Ontario, Canada M5C 2B8

PROJECT No. 1802-1

DRAWING No. PLATE 9

REVISION





INDEX MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

No.	DATE	REVISION

CLIENT

REGIONAL RESOURCES LTD.

PROJECT

MIDWAY PROJECT

LIARD MINING DIVISION, BRITISH COLUMBIA

TITLE

NORTHWEST DISCO GRID

SCALE 0 50 100 200 300 m
1 : 5000

DATE

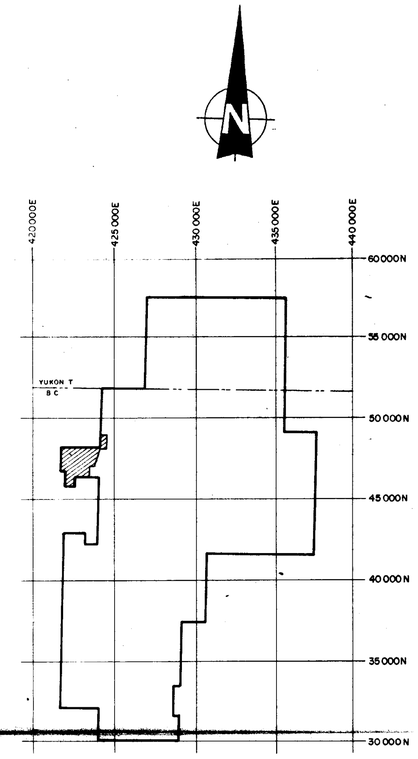
DESIGNED | DRAWN | APPROVAL

STRATHCONA MINERAL SERVICES LIMITED
12th Floor, 20 Toronto Street, Toronto, Ontario, Canada M5C 2B8

PROJECT No. 1802-1

DRAWING No. PLATE 10

REVISION



INDEX MAP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,560

No.	DATE	REVISION

CLIENT
REGIONAL RESOURCES LTD.

PROJECT
MIDWAY PROJECT
LIARD MINING DIVISION, BRITISH COLUMBIA

TITLE
BULL 7 GRID

SCALE 0 50 100 200 300 m
1:5000

DATE

DESIGNED | DRAWN | APPROVAL

STRATHCONA MINERAL SERVICES LIMITED
12th Floor, 20 Toronto Street, Toronto, Ontario, Canada M5C 2B8

PROJECT No. 1802-11 | DRAWING No. PLATE II | REVISION